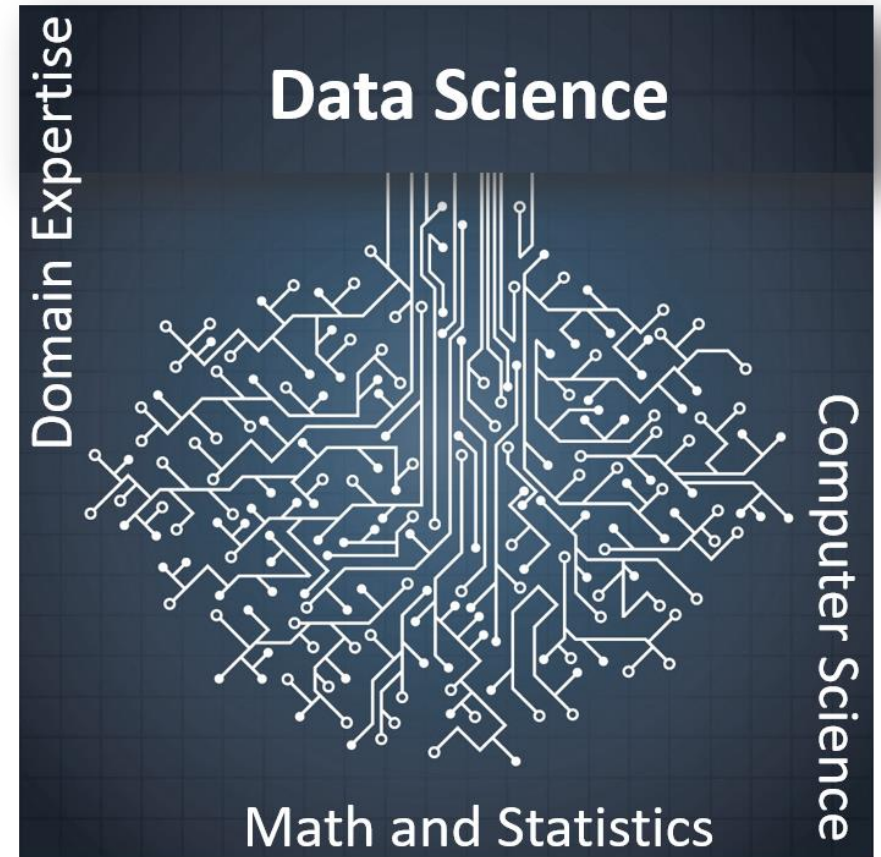


Digital Tools

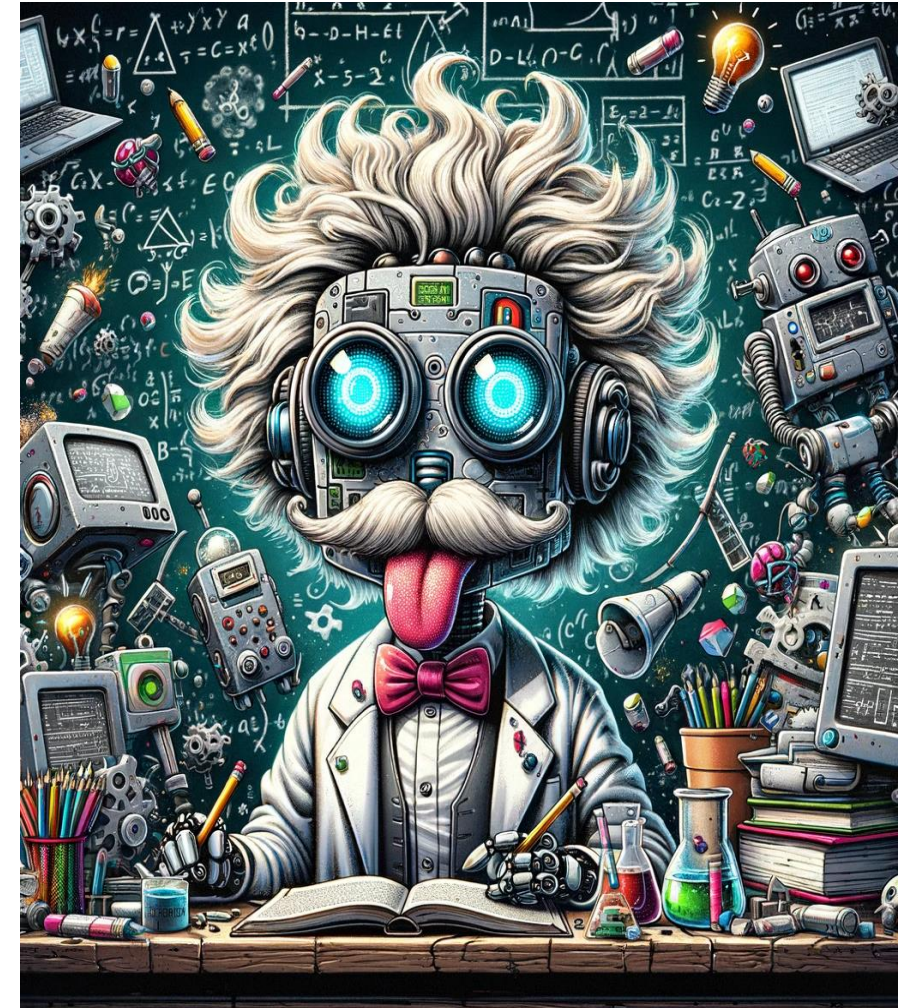
Prof. Dr. Marina Tropmann-Frick



Digital tools in and for research, administration, and teaching

1. Research and discovery
2. Note-taking and organization
3. Summarization of papers
4. Text transcription (from audio or video files)
5. Research material creation
6. Analysis of data
7. Visuals and presentation
8. Prompting
9. Writing assistance

80+



1. Research and discovery

Google Scholar -

<https://scholar.google.com>

- Freely accessible web search engine that indexes the full text or metadata of scholarly literature across an array of publishing formats and disciplines.
- Search and Access: Searches across many disciplines and sources, including articles, theses, books, conference papers, and patents.
- Citation Analysis: Allows users to see who is citing their publications and track citations over time.
- Profiles: Researchers can create profiles to showcase their publications and track their citation metrics.
- Library: Users can save articles to their personal library, organize them by topic, and access them later.
- Alerts: Users can set up alerts to get updates on new research related to their interests



Semantic Scholar -

<https://www.semanticscholar.org>

- AI-Powered Search and Discovery: Uses machine learning to extract meaning and identify connections within papers, providing relevant results and insights quickly.
- Research Dashboard: When signed in, users can access a personalized dashboard that includes recommended papers from research feeds and new papers from alerts.
- Library Management: Users can store, organize, and export papers and citations. It also allows the creation of public folders for collaboration.
- Influential Citations: Highlights citations that have a significant impact on subsequent research.
- AI-Powered Summaries: Provides summaries for papers, making it easier to quickly grasp the main objectives and results.




1. Research and discovery

scite.ai - <https://scite.ai/>

- Advanced platform designed to provide context for how research papers are cited.
- Smart Citations: These show not only the number of times a paper has been cited but also the context in which the citation occurs. For instance, it indicates whether subsequent papers support, contrast, or mention the cited paper. This helps researchers understand the impact and relevance of a paper beyond simple citation counts.
- Citation Graphs: These visual representations show the network of citations, making it easier to see how papers are interconnected. It helps in identifying influential papers and understanding the landscape of a research topic.
- Article Insights: scite.ai offers detailed analytics on citation trends, highlighting influential citations and providing metrics that matter to researchers.
- Research Dashboards: Personalized dashboards help users track their own papers, see who is citing their work, and discover relevant research tailored to their interest.

scite_

Search by title, author, ke... 

Install **extension!** 

Connected Papers -

<https://www.connectedpapers.com/>

- Visual tool designed to help researchers discover and explore related research papers through a unique, intuitive interface.
- Graph-Based Visualization: Instead of a list of search results, Connected Papers displays a graph of papers related to a starting paper. The connections are based on co-citation and bibliographic coupling, allowing researchers to see how papers are interrelated.
- Exploration Interface: The tool is particularly useful for literature reviews as it allows users to explore papers in a non-linear fashion, quickly identifying central and peripheral papers relevant to their research.
- Core and Peripheral Papers: It distinguishes between core papers (those closely related to the starting paper) and peripheral papers (those less directly related), aiding in a more efficient literature review process.

Explore connected papers in a visual graph

To start, enter a paper identifier

Search by keywords, paper title, DOI or another identifier

Build a graph

1. Research and discovery

elicit.org - <https://elicit.com>

- Uses AI to assist researchers in finding and synthesizing academic literature.
- Semantic Search: Unlike traditional keyword searches, Elicit uses semantic understanding to find papers that are relevant to the researcher's query, even if the exact keywords don't match.
- Summarization: The platform can summarize the main takeaways of papers, helping researchers quickly grasp the core contributions and findings of a large number of papers.
- Information Extraction: Elicit can extract key information such as study outcomes, methodologies, and statistical results from papers, which is particularly useful for systematic reviews and meta-analyses.

**Analyze research papers
at superhuman speed**

Automate time-consuming research tasks like summarizing papers, extracting data, and synthesizing your findings.

scilink.ai - <https://www.scienceos.ai>

- AI-powered research assistant that answers questions and cites its sources.
- AI-Powered Q&A: Scilink allows users to ask research-related questions and provides answers backed by citations from scientific papers. This ensures that the information provided is credible and verifiable.
- Citations: Each answer includes citations, making it easy for researchers to trace the source of the information and delve deeper into the original research if needed.

Accelerate your research

Speed up your literature research, discover relevant papers, and obtain fast insight into your PDF files with scienceOS.

[Ask a Research Question](#)

1. Research and discovery

researchrabbit.ai -

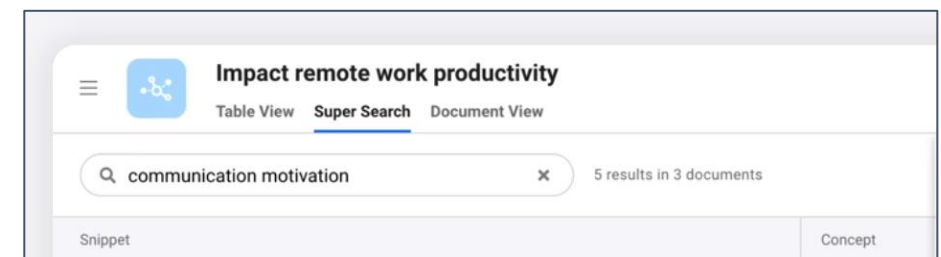
<https://www.researchrabbit.ai>

- Leverages AI to help researchers find relevant papers and extract insights.
- Research Recommendations: Based on user preferences and previous searches, Research Rabbit recommends relevant papers, helping researchers stay updated on their field.
- Insight Extraction: The tool highlights important insights and trends within papers, making it easier to understand the significance of the research.
- Collaboration Features: Users can share findings and collaborate with peers, facilitating joint research efforts and discussions.



lateral.io - <https://www.lateral.io>

- Offers AI solutions for automating document search and analysis.
- Document Search: Uses AI to quickly find relevant documents based on user queries, significantly speeding up the literature review process.
- Content Analysis: Automates the analysis of document content, extracting key insights, data points, and trends, which is particularly useful for large datasets or corpora.
- Customization: Lateral.io can be customized to fit specific organizational needs, making it a versatile tool for different types of research projects.



1. Research and discovery

consensus.app - <https://consensus.app>

- Provides quick answers to questions based on scientific papers.
- AI-Driven Answers: Uses AI to extract and synthesize information from scientific literature, providing quick and accurate answers to user queries.
- Scientific Citations: Ensures that all answers are backed by credible sources from scientific papers, enhancing the reliability of the information provided.

AI Search Engine for Research

Consensus is a search engine that uses AI to find insights in research papers

Ask a research question...



iris.ai - <https://iris.ai>

- Smart Search: Provides advanced search capabilities with filters that refine results based on the user's specific needs.
- Reading List Analysis: Analyzes and organizes reading lists, making it easier to manage and prioritize papers.
- Auto-Generated Summaries: Generates summaries of papers, highlighting key points and findings, which is useful for quickly understanding the essence of a large volume of research.

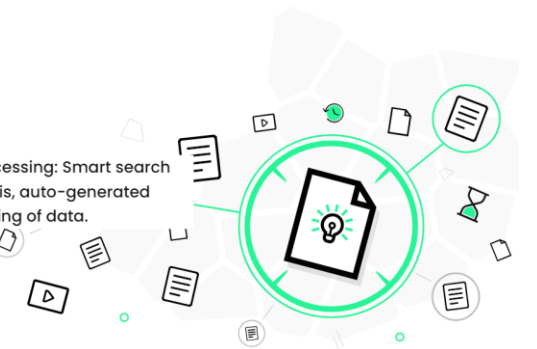
The Researcher Workspace

A comprehensive platform for all your research processing: Smart search and a wide range of smart filters, reading list analysis, auto-generated summaries, autonomous extraction and systematizing of data.

WORKSPACE TOOLS

CUSTOMER STORIES

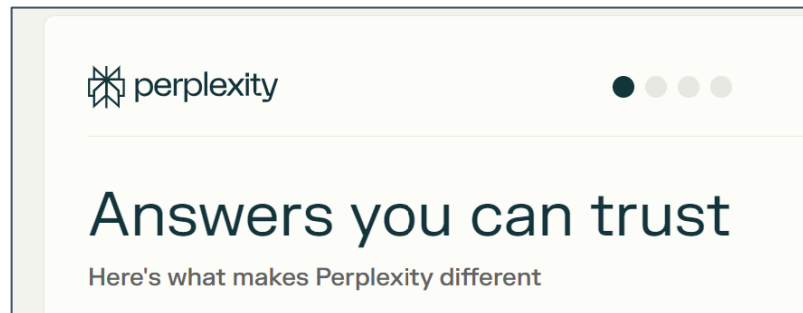
WAITING LIST



1. Research and discovery

perplexity.ai - perplexity.ai

- Allows users to ask questions in natural language and get AI-generated responses with citations.
- Natural Language Q&A: Understands and processes questions asked in natural language, providing clear and concise answers.
- Cited Sources: Each response includes citations, ensuring that the provided information is backed by credible sources.



phind.com - https://www.phind.com

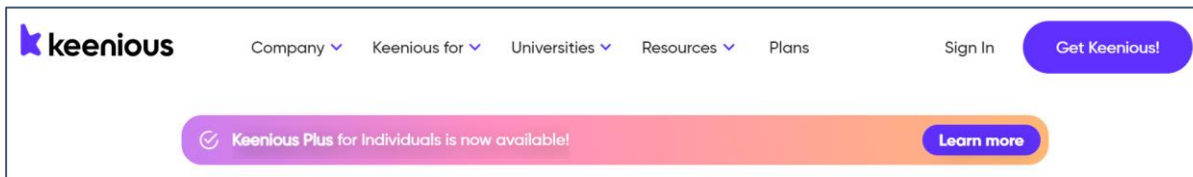
- Functions similarly to ChatGPT but focuses on providing citations, including non-academic sources.
- AI-Powered Responses: Answers questions using AI and provides cited sources for the information, making it easy to verify the answers.
- Wide Range of Sources: Includes citations from various sources, not limited to academic papers, making it versatile for different types of queries.



1. Research and discovery

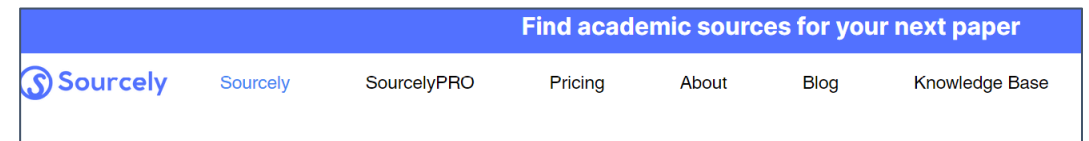
keenious.com - <https://keenious.com>

- Word plugin that helps find relevant research around a document.
- Contextual Search: Finds research papers relevant to the content of the document being worked on, providing contextually appropriate suggestions.
- Word Integration: Seamlessly integrates with Microsoft Word, making it easy to find and insert references while writing.



sourcely.net - <https://www.sourcely.net/>

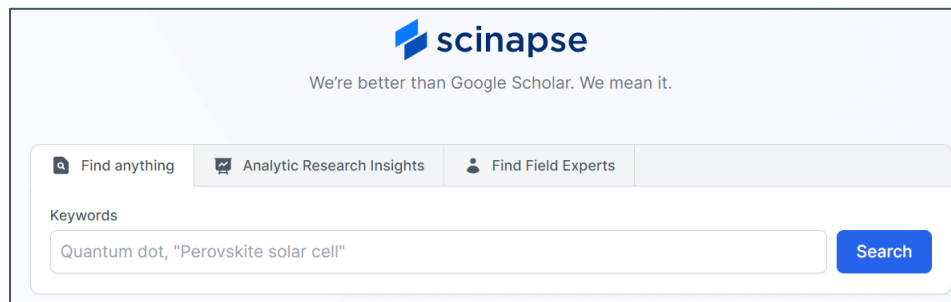
- Helps find references for statements in documents.
- Reference Finder: Automatically finds and suggests references for statements within a document, ensuring that all claims are properly backed up.
- Document Integration: Works with various document types, making it a versatile tool for academic writing and research.



1. Research and discovery

scinapse.io - <https://www.scinapse.io>

- Is a detailed academic search engine similar to Google Scholar.
- Advanced Search: Offers detailed search functionality that allows users to find academic papers with specific criteria.
- Citation Analysis: Provides in-depth citation analysis and trends, helping researchers understand the impact of a paper.



scilynk.com - <https://www.scilynk.com>

- Offers a personalized feed based on keywords with article summaries.
- Personalized Feed: Tailors content based on user-defined keywords, ensuring that users receive the most relevant research updates.
- Concept Linking: Links related concepts, providing a comprehensive view of the research topic.
- Data Visualization: Offers visual representations of data and research trends, making it easier to understand and analyze information.

Accelerate Your Research Workflow

Every minute counts. Leave behind archaic methods of finding, organizing, and analyzing research and let SciLynk handle it instead.

1. Research and discovery

the-literature.com - <https://www.the-literature.com>

- Allows users to type a question and select the type of information they want to receive, focusing on the medical field.
- Customized Information: Provides tailored responses such as synopses, literature reviews, and statistical analyses based on the user's query.
- Medical Focus: Specializes in medical and healthcare-related queries, offering detailed and relevant information for medical research.



2. Note-taking and organization

Obsidian - <https://obsidian.md>

- Knowledge management tool that allows users to create and manage interconnected notes. It's especially popular among users who practice the Zettelkasten method of note-taking.
- Markdown Support: All notes are written in markdown, making them easy to format and export.
- Bi-Directional Linking: Allows notes to link to each other, creating a web of interconnected knowledge.
- Graph View: Visualizes the connections between notes, helping users see the relationships and structure of their information.
- Plugins and Customization: A wide range of community plugins and themes to extend functionality and personalize the interface.

Sharpen your thinking.

Obsidian is the private and flexible writing app that adapts to the way you think.

Notion - <https://www.notion.so>

- Is an all-in-one workspace for taking notes, managing tasks, organizing projects, and writing. It is highly versatile and can be customized to fit various organizational needs.
- Customizable Templates: Use or create templates for meeting notes, to-do lists, project trackers, and more.
- Database Integration: Organize notes into databases with relational capabilities.
- Collaboration: Share notes and workspaces with team members and collaborate in real-time.
- Markdown Support: Write notes in markdown for flexible formatting.

Turn ideas into actions
with Notion's AI-powered workspace.

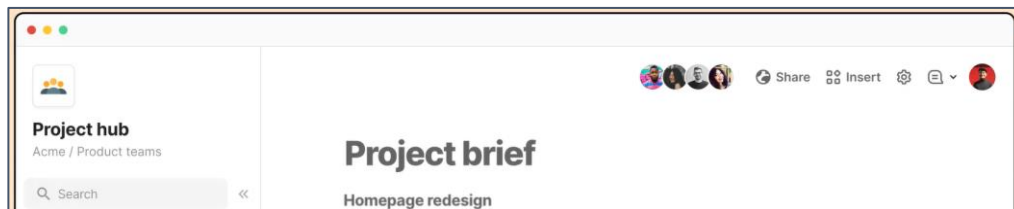
Use for free

[Request a demo →](#)

2. Note-taking and organization

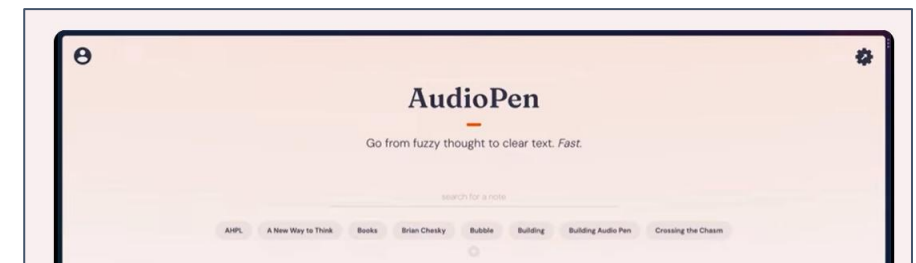
Coda - <https://coda.io>

- Is a document editor that combines the functionality of documents, spreadsheets, and applications in one place. It brings words, data, and teamwork into one structured doc.
- All-in-One Doc: Combines documents, spreadsheets, and databases in a single platform.
- Interactive Components: Add buttons, tables, and charts that can interact with data and users.
- Templates: Access a variety of templates to get started quickly with project management, meeting notes, etc.
- Collaboration: Share docs with team members and work together in real-time.



Audiopen.ai - <https://audiopen.ai>

- Converts voice recordings into structured text, making it easier to transcribe and organize spoken information.
- Voice to Text: Converts audio recordings into text format.
- Structured Output: Organizes the transcribed text into structured, searchable notes.
- Ease of Use: Simple interface for recording and managing voice notes.



2. Note-taking and organization

Zotero - <https://www.zotero.org/>

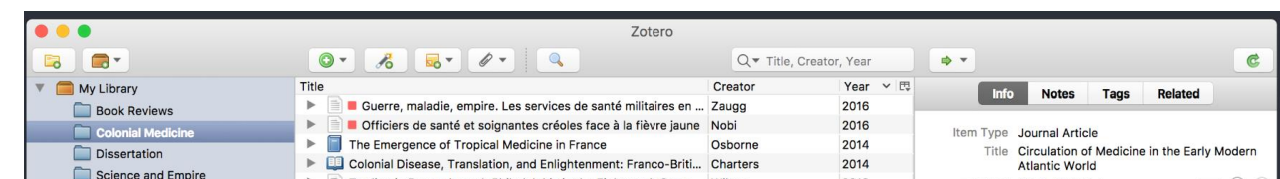
- Is a reference management tool that helps users collect, organize, cite, and share research.
- Reference Collection: Easily save references from websites, databases, and other sources.
- Organization: Organize references into collections and tags for easy retrieval.
- Citation Tools: Generate citations and bibliographies in various styles with integration into word processors.
- Collaboration: Share libraries with collaborators for group research projects.

Dante-ai - <https://www.dante-ai.com>

- Offers custom GPT chatbots trained on user-provided data, such as notes or scientific articles, enabling the creation of a chatbot knowledgeable in specific fields.
- Custom Training: Train chatbots with specific data to tailor responses to particular fields or topics.
- Data Integration: Integrate personal notes, articles, and other documents to enhance the chatbot's knowledge.
- Conversational AI: Utilize advanced GPT models to create interactive and intelligent chatbots.

AI Chatbot to Live Agent Takeover

We've built the bridge between AI efficiency and human touch. Your AI chatbot handles the routine; your team steps in when it counts. Simple, powerful, essential.



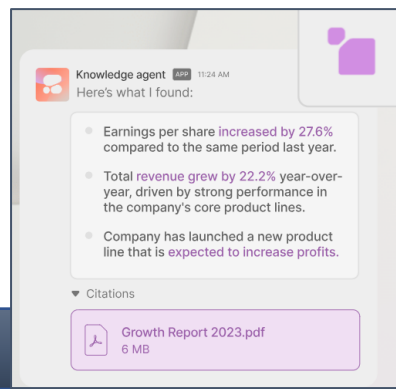
3. Summarization of papers



3. Summarization of papers

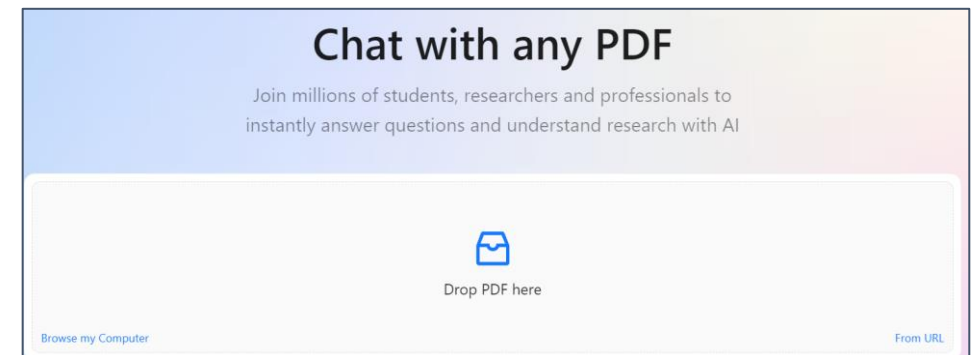
Cohere - <https://cohere.com>

- AI-powered platform designed to assist with various natural language processing tasks, including summarizing research papers and articles.
- Advanced Summarization: Uses state-of-the-art AI models to generate concise summaries of lengthy documents.
- Language Understanding: Provides tools for semantic search, text classification, and language generation.
- Customizable Models: Allows users to train custom models tailored to their specific needs.



ChatPDF - <https://www.chatpdf.com>

- Tool that converts PDFs into interactive summaries, making it easier to navigate and understand the content.
- Interactive Summaries: Transforms static PDFs into interactive documents that highlight key points and summaries.
- Ease of Use: Simple interface for uploading PDFs and generating summaries.
- Enhanced Navigation: Improves the readability and accessibility of complex documents.



3. Summarization of papers

Wiseone.io and Casper AI (Browser Extensions)

- Wiseone.io and Casper AI are browser extensions designed to help summarize parts of research papers directly within your browser.

Wiseone.io:

- Edge Extension: Summarizes sections of web pages and PDFs within Microsoft Edge.
- User-Friendly: Easy-to-use interface for quick access to summaries.



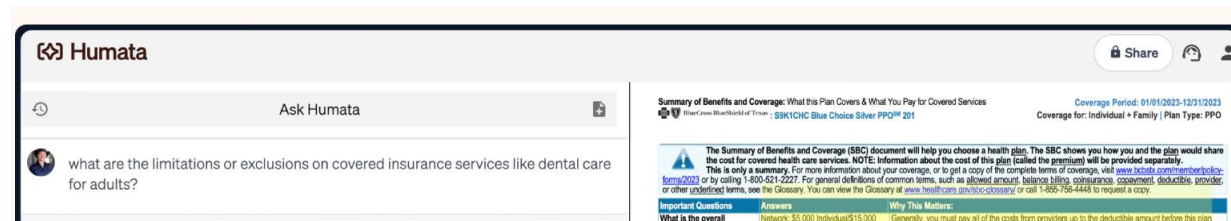
Casper AI:

- Chrome Extension: Provides summarization tools within the Chrome browser.
- Real-Time Summarization: Summarizes text as you browse, making it easier to digest large amounts of information.

3. Summarization of papers

Humata.ai - <https://www.humata.ai>

- Allows users to ask an AI questions about their files, including documents and research papers.
- Interactive Q&A: Users can ask natural language questions about their uploaded files.
- Document Analysis: Provides detailed answers and insights based on the content of the files.
- Ease of Use: Simple upload and query interface.



Scholarcy - <https://www.scholarcy.com>

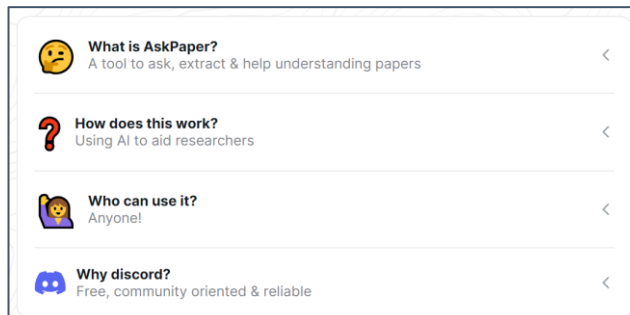
- AI-powered article summarizer designed to help researchers quickly understand academic papers.
- Automated Summaries: Generates concise summaries of research articles.
- Highlight Extraction: Identifies and highlights key points and findings.
- Reference Management: Extracts and organizes references from papers.



3. Summarization of papers

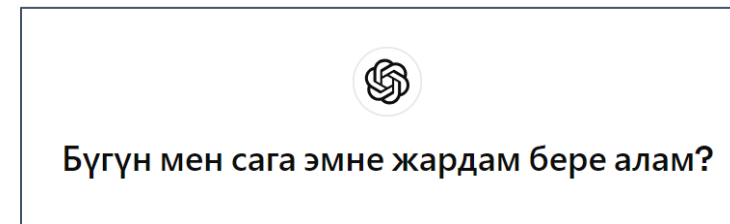
AskPaper - <https://www.askpaper.ai>

- Enables users to upload papers either by URL or PDF and ask natural language questions about the content.
- Natural Language Q&A: Users can ask questions and receive detailed answers about the paper.
- Easy Upload: Supports paper uploads via URL or PDF file.
- Interactive Summarization: Provides summaries and detailed insights based on user queries.



Chat.openai - <https://chatgpt.com>

- No need to be introduced
- ChatGPT4o



4. Text transcription (from audio or video files)



4. Text transcription

Otter - <https://otter.ai>

- Transcription tool that provides real-time transcription for meetings, interviews, lectures, and more.
- Real-Time Transcription: Provides live transcription of audio.
- Speaker Identification: Differentiates between speakers in the transcription.
- Collaboration: Share and edit transcripts with others.
- Searchable Transcripts: Easily search through transcripts for specific keywords.

Introducing Meeting GenAI

Never take meeting notes again. Get transcripts, automated summaries, action items, and chat with Otter to get answers from your meetings.

Rev.com - <https://www.rev.com>

- Offers professional transcription services with high accuracy and quick turnaround times.
- Human Transcription: High accuracy with human transcribers.
- Automated Transcription: Faster and more affordable option with AI.
- Captioning and Subtitling: Provides captioning services for videos.
- Integration: Integrates with various platforms for seamless workflow.

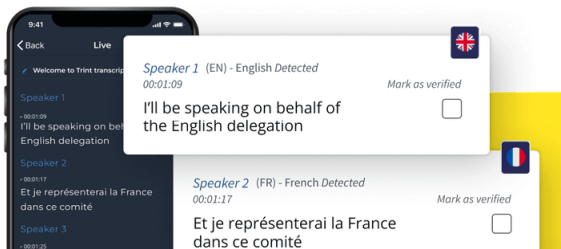
Fast, accurate transcription services

Get your audio and video files transcribed by the largest marketplace of experienced transcribers—guaranteed to be 99% accurate.

4. Text transcription

Trint - <https://trint.com>

- AI-powered transcription service that converts audio and video files into editable and searchable text.
- Editable Transcripts: Easily edit and correct transcripts.
- Searchable Text: Search through transcripts to find specific information.
- Multilingual Support: Supports transcription in multiple languages.
- Collaboration Tools: Share and collaborate on transcripts with team members.

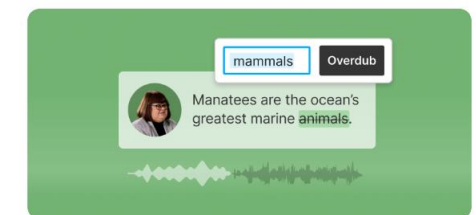


Descript - <https://www.descript.com>

- Offers transcription services along with powerful audio and video editing tools.
- Automatic Transcription: Quickly transcribes audio and video files.
- Audio and Video Editing: Edit audio and video directly from the text transcript.
- Overdub: Create synthetic voiceovers using AI.
- Collaboration: Work with team members on transcriptions and edits.



Edit video by editing text



AI voice cloning

4. Text transcription

Sonix - <https://sonix.ai>

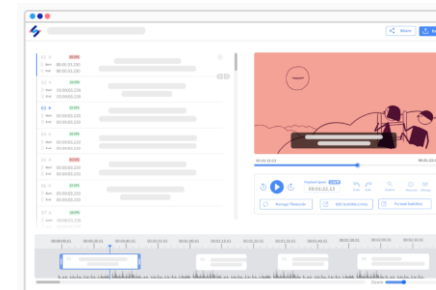
- Sonix is an automated transcription service that offers fast and accurate transcriptions for audio and video files.
- Automated Transcription: Provides quick transcriptions with AI.
- Multilingual Transcription: Supports multiple languages.
- Editing Tools: Edit transcripts directly within the platform.
- Integrations: Integrates with various tools like Dropbox, Zoom, and more.



Happy Scribe -

<https://www.happyscribe.com>

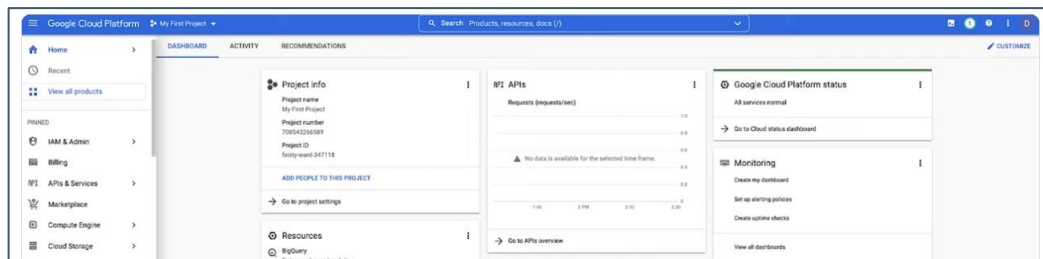
- Happy Scribe offers both automatic and human-made transcription services, suitable for various types of audio and video files.
- Automatic Transcription: Fast transcription with AI.
- Human Transcription: High-accuracy transcription by professional transcribers.
- Subtitle Generation: Create subtitles for video content.
- Collaboration: Share and edit transcripts with others.



4. Text transcription

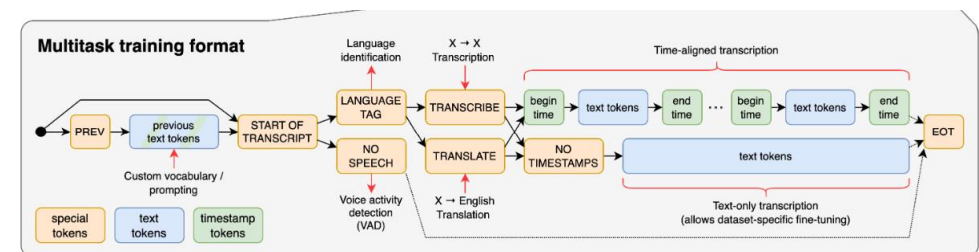
Google Cloud Speech-to-Text - <https://cloud.google.com/speech-to-text>

- Provides powerful speech recognition capabilities for transcribing audio into text.
- Real-Time Transcription: Transcribe audio in real-time.
- High Accuracy: Uses advanced machine learning models for accurate transcription.
- Language Support: Supports multiple languages and dialects.
- Integration: Easily integrate with other Google Cloud services.



Whisper by OpenAI - <https://github.com/openai/whisper>

- Whisper is an automatic speech recognition system developed by OpenAI. It is designed to transcribe speech into text with high accuracy and supports multiple languages and dialects.
- High Accuracy: Uses advanced neural networks to deliver high-accuracy transcriptions.
- Performs well in noisy environments and with different accents.
- Multilingual Support: Capable of transcribing speech in multiple languages.
- Supports a variety of dialects and regional accents, making it versatile for global use.



4. Text transcription

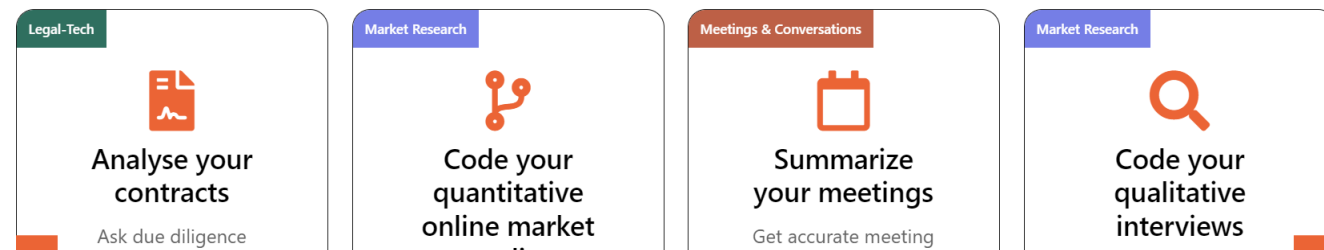
Audiopen - <https://audiopen.ai>

- Audiopen.ai is a tool designed to transcribe and summarize unstructured voice notes, making it easier to convert spoken content into organized text.
- Voice to Text: Converts voice recordings into text, providing a transcript of the spoken content.
- Summarization: Generates concise summaries from the transcribed text, helping to highlight key points.
- Unstructured Notes Handling: Effectively processes unstructured and free-form voice notes, turning them into coherent and structured text.
- Ease of Use: User-friendly interface for recording, transcribing, and summarizing voice notes quickly.

Tucan - <https://www.tucan.ai>

- Versatile tool that transcribes audio input, takes notes, creates summaries, and provides analytical insights.
- Audio Transcription: Converts audio input into written text accurately.
- Note-Taking: Automatically generates notes from audio recordings, making it easier to keep track of important information.
- Summarization: Provides summaries of the transcribed content, capturing the essence of the discussion or lecture.
- Analytical Insights: Offers analytical insights based on the transcribed text, such as identifying key themes and trends.
- Integration: Integrates with various platforms to enhance productivity and workflow.

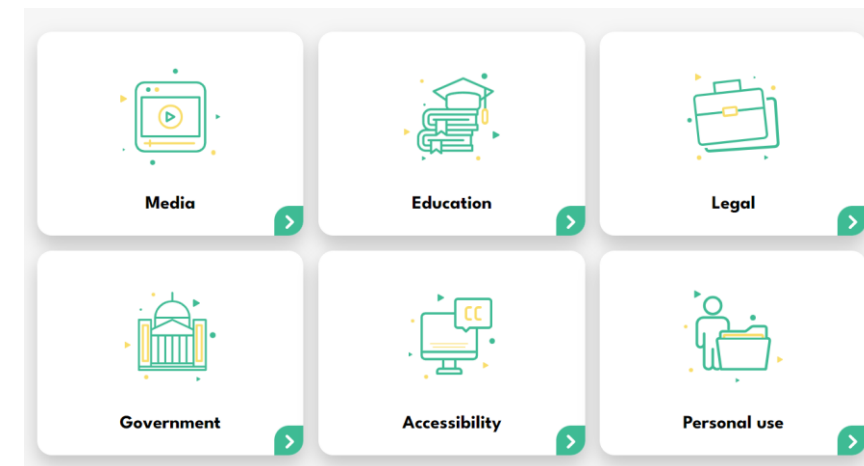
Go from fuzzy thought
to clear text. *Fast.*



4. Text transcription

Alrite - <https://alrite.io/ai>

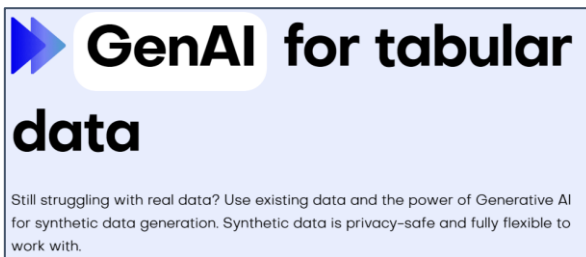
- Alrite.io is a sophisticated tool for audio and video transcription, offering advanced features like searchable archives and analytical insights.
- Audio and Video Transcription: Provides accurate transcription of both audio and video files.
- Searchable Archives: Creates searchable archives of transcriptions, making it easy to locate specific information within large datasets.
- Summarization: Generates summaries of the transcribed content, highlighting key points and insights.
- Analytical Features: Includes analytical tools to extract meaningful insights from the transcriptions.
- Multilingual Support: Supports multiple languages, making it useful for global applications.
- Integration: Easily integrates with other tools and platforms to streamline workflows.



5. Research material creation

Mostly.ai - <https://mostly.ai>

- Platform that provides AI-generated synthetic data to help overcome limitations of existing data such as privacy concerns and dataset size.
- Synthetic Data Generation: Simulates realistic data based on your existing datasets, preserving patterns and correlations.
- Privacy Protection: Ensures data privacy by generating synthetic data that mimics real data without exposing sensitive information.
- Scalability: Easily scale your data for testing and development purposes without the constraints of original data size.
- Versatility: Useful for various applications including machine learning model training, software testing, and analytics.

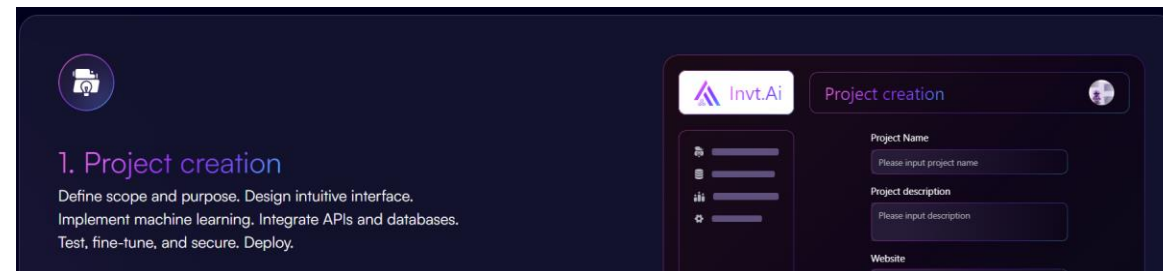


GenAI for tabular data

Still struggling with real data? Use existing data and the power of Generative AI for synthetic data generation. Synthetic data is privacy-safe and fully flexible to work with.

invt.ai - <https://www.invt.ai>

- Helps you develop your own AI-powered chatbot, tailored to your specific needs.
- Custom Chatbot Development: Create chatbots that understand and respond to user queries in natural language.
- AI Integration: Integrates advanced AI models to enhance chatbot capabilities.
- User-Friendly Interface: Provides tools and interfaces that simplify the process of building and deploying chatbots.
- Scalability: Designed to handle a large number of interactions and scale with your needs.



The screenshot shows the Invt.AI project creation interface. On the left, there is a sidebar with a home icon and a list of project items. The main content area is titled "1. Project creation" and includes the text: "Define scope and purpose. Design intuitive interface. Implement machine learning. Integrate APIs and databases. Test, fine-tune, and secure. Deploy." To the right, there is a "Project creation" form with fields for "Project Name" (with a placeholder "Please input project name"), "Project description" (with a placeholder "Please input description"), and "Website".

5. Research material creation

Papercup - <https://www.papercup.com>

- Offers AI-powered dubbing services, making it possible to provide video and audio material in multiple languages.
- AI Dubbing: Automatically translates and dubs video content into different languages using lifelike AI voices.
- Multilingual Support: Supports a wide range of languages, making it accessible to a global audience.
- Quality Control: Ensures high-quality dubbing with natural-sounding voices.
- Integration: Easily integrates with existing video content platforms and workflows.

Beta.elevenlabs - <https://elevenlabs.io/>

- Provides advanced text-to-speech and voice cloning software, offering lifelike voices for narrating content.
- Text-to-Speech: Converts written text into natural-sounding speech.
- Voice Cloning: Creates custom voice models based on provided samples, enabling personalized and consistent narration.
- Lifelike Voices: Uses advanced neural network models to produce high-quality, realistic voices.
- Multilingual Support: Supports multiple languages and dialects.

Make **your videos** watchable in any language

Our state-of-the-art AI voices convey the emotion of the original, no matter what the content type – news, drama, reality, lifestyle, sports. And our team of human translators ensures the highest quality.

Natural Text to Speech & AI Voice Generator

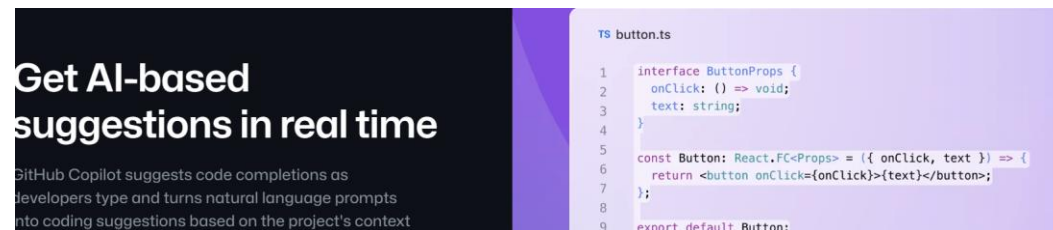
Let your content go beyond text with our realistic AI voices. Generate high-quality spoken audio in any voice, style, and language. Our AI voice generator is powered by an AI model that renders human intonation and inflections with unrivaled fidelity, adjusting the delivery based on context.

5. Research material creation

Github Copilot -

<https://github.com/features/copilot>

- GitHub Copilot is an AI-powered code completion tool that assists in coding and programming.
- Code Completion: Provides real-time code suggestions and auto-completions as you write code.
- Learning from Context: Understands the context of your code and offers relevant suggestions.
- Language Support: Supports a wide range of programming languages and frameworks.
- Efficiency: Enhances productivity by reducing the time spent on writing boilerplate code and debugging.



Generative AI – ChatGPT, MidJourney, ...

- Generative AI tools such as MidJourney and DALL-E for pictures, Pictory and Runway for video, and platforms like Synthesia or D-ID for scripted speakers, offer robust solutions for creating stimulus materials.
- Image Generation: Use tools like MidJourney or DALL-E to create customized images for experiments or presentations.
- Video Creation: Platforms like Pictory and Runway enable the generation of video content, tailored to specific requirements.
- Scripted Speakers: Synthesia and D-ID provide lifelike AI avatars that can deliver scripted content, useful for creating consistent and engaging video materials.

FROM IDEA TO VIDEO IN MINUTES

Create videos as easily as a slide deck



Create your script

Use your own script or generate it from a link, doc, or even just an idea with the help of AI.

Once done, we reach Step 3: Create your first draft. This is where you put your thoughts into words and craft a narrative for your corporate video. Remember to tailor your approach based on the method you chose in step 2.

5. Research material creation

searchsmart -

<https://www.searchsmart.org>

- Tool aimed at enhancing the efficiency and effectiveness of database searches. It ensures that searches are conducted smartly, covering all necessary bases and providing users with relevant, comprehensive results.
- **Comprehensive Coverage:** Ensures that databases cover necessary record types, including scholarly records and clinical trials.
- **Advanced Search Capabilities:** Supports various search types, including default and systematic keyword searching.
- **User-Friendly Interface:** Provides a simple and intuitive interface for users to conduct searches and retrieve data.
- **Customization:** Allows users to tailor their searches based on specific criteria, ensuring they get the most relevant results.
- **Efficiency:** Streamlines the search process, saving time and effort by providing targeted and precise search results.

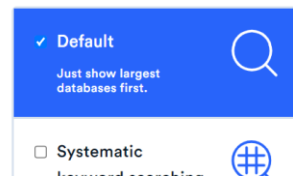
Record types the databases must cover:

Record types



Coverage

Searches the databases must support:



Theresanaiforthat.com –

<https://theresanaiforthat.com>

- Comprehensive repository of AI applications, offering a curated list of various AI tools and applications across different industries and use cases.
- **Extensive Database: Wide Range of Categories:** Covers multiple industries and sectors, including healthcare, finance, education, and entertainment. **Updated Repository:** Regularly updated with the latest AI tools and applications, ensuring users have access to the newest technology.
- **Advanced Filters:** Filters by application type, industry, and use case, helping users find the most relevant tools for their needs.
- **Tool Information:** Provides detailed descriptions of each AI tool, including key features, use cases, and links to the tool's website.
- **User Reviews:** Includes user reviews and ratings, offering insights into the effectiveness and usability of the tools.
- **Educational Resources: Learning Materials:** Offers resources and articles to help users understand AI technology and its applications.
- **Case Studies:** Features case studies demonstrating the practical implementation of AI tools in various industries.

THERE'S AN AI FOR THAT
12,527 AIs for 15,214 tasks and 4,804 jobs.

6. Analysis of data

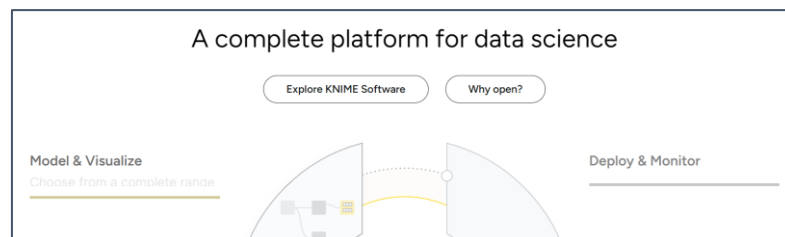


6. Analysis of data

KNIME -

<https://github.com/features/copilot>

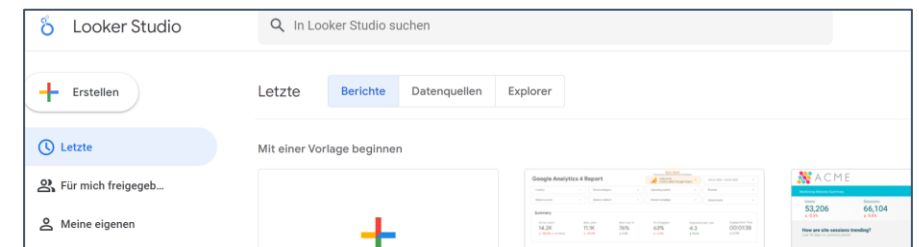
- KNIME (Konstanz Information Miner) is an open-source data analytics, reporting, and integration platform.
- Visual Workflow Editor: Create workflows using a visual interface without the need for coding.
- Extensive Node Repository: Offers a wide range of pre-built nodes for various tasks, including data preprocessing, analysis, and visualization.
- Integration with Other Tools: Connects with various databases, big data platforms, and other software like R and Python.
- Extensions and Plugins: Supports a large number of extensions for advanced analytics, machine learning, and text mining.
- Data Analytics and Machine Learning: Provides a variety of machine learning and statistical algorithms.
- Custom Scripts: Allows the incorporation of custom scripts in R, Python, and other languages.



Google Data Studio –

<https://lookerstudio.google.com>

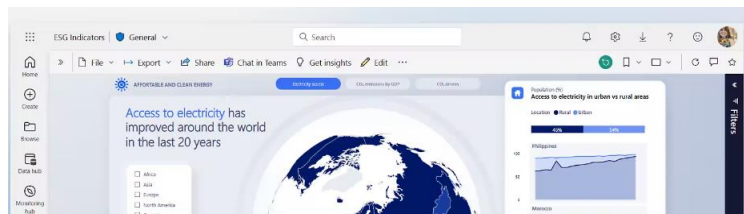
- Google Data Studio is a free data visualization tool that helps turn data into informative, easy-to-read, and shareable reports.
- Customizable Dashboards: Easily create and customize dashboards and reports.
- Data Sources: Connects to various data sources including Google Analytics, Google Sheets, and BigQuery.
- Real-Time Data: Updates reports in real-time as data changes.
- Interactive Elements: Includes filters, date range controls, and clickable charts.
- Sharing Options: Easily share reports with team members and stakeholders.
- Embedding: Embed reports in websites and other platforms.



6. Analysis of data

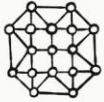



Microsoft Power BI -
<https://www.microsoft.com/de-de/power-platform/products/power-bi>

- Microsoft Power BI is a business analytics service that provides interactive visualizations and business intelligence capabilities.
- Wide Range of Data Sources: Connects to a variety of data sources including Excel, SQL Server, and cloud services.
- Real-Time Data Access: Provides real-time data access and analysis.
- Powerful Visualizations: Offers a wide range of visualizations including charts, graphs, and maps.
- AI-Powered Insights: Includes AI capabilities for advanced analytics and insights.
- Dashboard Sharing: Share dashboards and reports with team members and stakeholders.
- Mobile Access: Access and interact with reports on mobile devices.



Claude – <https://www.anthropic.com/claude>

- Can assist in programming statistics code in plain language and convert code between different programming languages.
- Plain Language to Code: Generate code from plain language instructions for various statistical analyses.
- Language Conversion: Convert code from one programming language to another (e.g., from Python to SPSS syntax).
- Tailored Prompts: Create specific prompts to generate and refine code according to guidelines (e.g., avoiding double-barreled items).

			
Advanced reasoning Claude can perform complex cognitive tasks that go beyond simple pattern recognition or text generation	Vision analysis Transcribe and analyze almost any static image, from handwritten notes and graphs, to photographs	Code generation Start creating websites in HTML and CSS, turning images into structured JSON data, or debugging complex code bases	Multilingual processing Translate between various languages in real-time, practice grammar, or create multilingual content

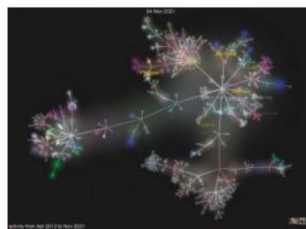
6. Analysis of data

Cortext - <https://www.cortext.net>

- Offers various tools and functionalities for exploring, analyzing, and visualizing large text corpora.
- Exploratory Tools: Tools for exploring large sets of text data.
- Statistical Analysis: Perform statistical analyses on text data.
- Interactive Visualizations: Create visual representations of text data.
- Network Analysis: Analyze relationships and connections within text data.

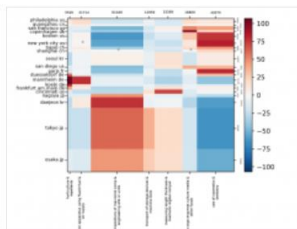
LIWC – <https://www.liwc.app>

- Offers a dictionary-based approach to text analysis, focusing on psychological insights.
- Linguistic Insights: Analyze text for various linguistic and psychological dimensions.
- Predefined Dictionaries: Use predefined dictionaries for analyzing emotions, cognitive processes, and social concerns.
- Create Custom Dictionaries: Develop and use custom dictionaries tailored to specific research needs.
- Detailed Reports: Generate detailed reports on text analysis results.



10 years of CorText Manager v2

It took us more than 10 years to come with CorText Manager version 2 as it is



RISIS Training: Thematic and spatial analysis of technologies using CorText Manager and RISIS patent database



Early 2021 CorText Manager training sessions

CorText organized a series of training workshops on CorText Manager and its

INTRODUCING LIWC-22

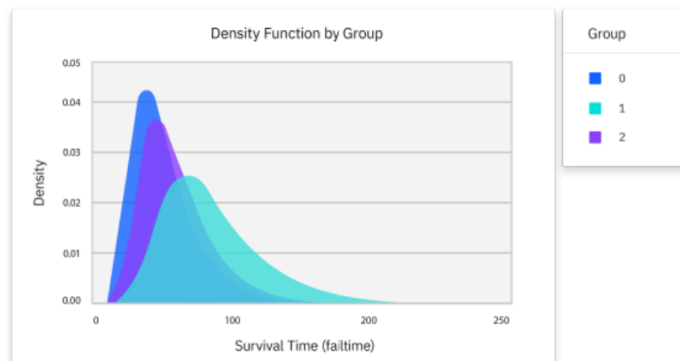
A NEW SET OF TEXT ANALYSIS TOOLS AT YOUR FINGERTIPS

6. Analysis of data

IBM SPSS Statistics -

<https://www.ibm.com/products/spss-statistics>

- SPSS is a software package used for statistical analysis.
- Statistical Procedures: Provides a wide range of statistical tests and procedures.
- User Interface: Intuitive graphical interface for performing complex analyses.
- Integration: Supports integration with other data sources and tools.



SAS – <https://www.sas.com>

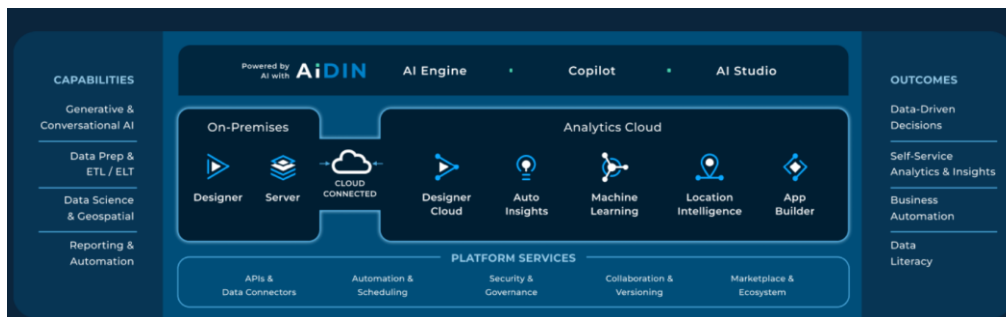
- SAS is a software suite for advanced analytics, business intelligence, data management, and predictive analytics.
- Advanced Analytics: Comprehensive suite for statistical analysis and predictive modeling.
- Data Management: Robust tools for data integration and preparation.
- Industry Solutions: Tailored solutions for various industries.



6. Analysis of data

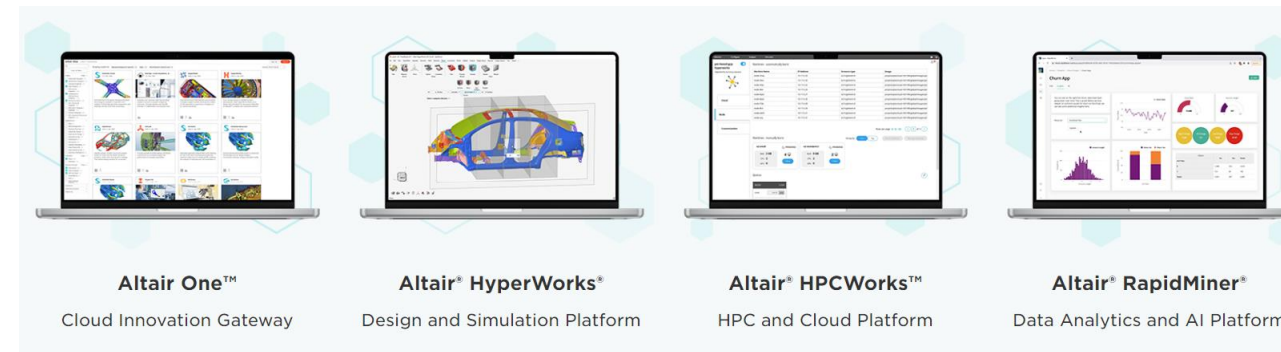
alteryx - <https://www.alteryx.com>

- Alteryx is a data analytics platform that provides data blending and advanced data preparation capabilities.
- Data Blending: Easily combine data from various sources.
- Predictive Analytics: Built-in tools for predictive modeling and analytics.
- Workflow Automation: Automate data preparation and analysis workflows.



RapidMiner – <https://altair.com/altair-rapidminer>

- RapidMiner is a data science platform that provides tools for data preparation, machine learning, and predictive analytics.
- End-to-End Platform: Supports the entire data science lifecycle from data preparation to model deployment.
- Machine Learning: Includes a wide range of machine learning algorithms.
- Visual Workflow Designer: Create data processing and analysis workflows with a visual interface.



7. Visuals and presentation



7. Visuals and presentation

Grafana - <https://grafana.com>

- Grafana is an open-source platform for monitoring and observability, primarily used for visualizing time-series data.
- Data Source Integration: Supports a wide range of data sources such as Prometheus, Elasticsearch, InfluxDB, and many more.
- Custom Dashboards: Create highly customizable dashboards with interactive and real-time visualizations.
- Alerting: Set up real-time alerts based on data thresholds, which can be sent via email, Slack, and other channels.
- Plugins and Extensibility: Extend functionality with numerous plugins and integrations.



Tableau – <https://www.tableau.com>

- Tableau is a powerful data visualization tool that helps users create interactive and shareable dashboards.
- Data Connectivity: Connects to various data sources including databases, spreadsheets, and cloud services.
- Interactive Dashboards: Build interactive dashboards that can be easily shared with team members and stakeholders.
- Advanced Analytics: Perform in-depth data analysis with a wide range of visualization options.
- User-Friendly Interface: Drag-and-drop interface for easy and intuitive creation of visualizations.



7. Visuals and presentation

MindTheGraph -

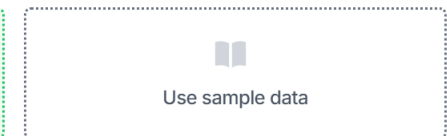
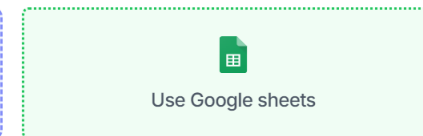
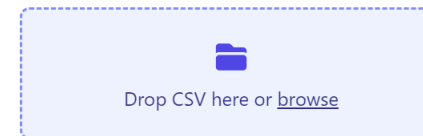
<https://mindthegraph.com>

- Platform designed for creating scientific illustrations and infographics.
- Scientific Templates: Access a library of pre-designed templates tailored for scientific content.
- Custom Illustrations: Create custom illustrations to visually represent scientific concepts and data.
- User-Friendly Editor: Intuitive editor for designing infographics without requiring advanced design skills.



GraphMaker – <https://www.graphmaker.ai>

- AI-powered tool for creating graphs, charts, and diagrams.
- Automated Graph Creation: Generate graphs and charts automatically based on input data.
- Customization Options: Customize the appearance of graphs with various styles and settings.
- User-Friendly Interface: Simple interface that makes it easy to create and modify graphs.
- Integration: Integrate with other tools and platforms for seamless data import and export.



7. Visuals and presentation

MidJourney -

<https://www.midjourney.com>

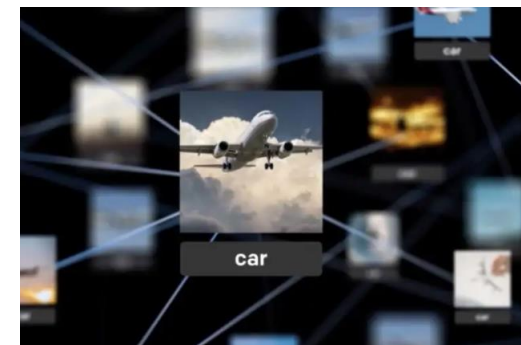
- MidJourney.com is a platform for exploring AI-generated art.
- AI Art Generation: Generate unique artworks using advanced AI models.
- Exploration and Discovery: Browse and discover AI-generated art created by the community.
- Customization: Customize art generation parameters to create personalized artworks.
- Community Features: Engage with other users, share creations, and participate in challenges.



Labs.OpenAI.com (DALL-E) –

<https://openai.com/index/dall-e-2>

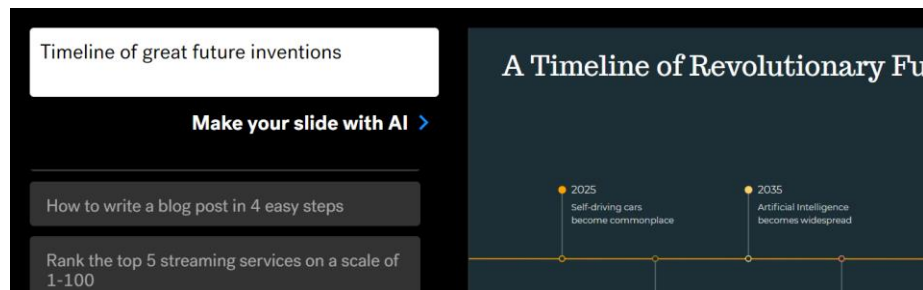
- Labs.OpenAI.com is OpenAI's platform showcasing AI visual applications, including DALL-E.
- AI-Generated Images: Create images from text descriptions using the DALL-E model.
- Creative Exploration: Experiment with generating creative and unique visual content.
- User Interface: Easy-to-use interface for entering prompts and generating images.
- Customization: Modify and fine-tune image generation parameters.



7. Visuals and presentation

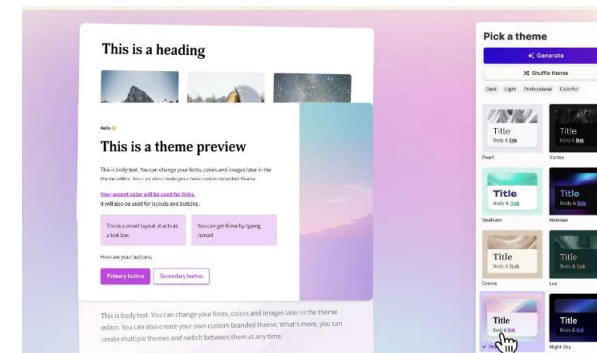
Beautiful.ai - <https://www.beautiful.ai>

- Beautiful.ai is a tool for turning papers or other information into dynamic PowerPoint presentations.
- AI-Powered Design: Automatically generates slide layouts and designs based on content.
- Templates: Access a variety of professionally designed templates.
- Customization: Easily customize slides with images, charts, and other elements.
- Collaboration: Share presentations and collaborate with team members in real-time.



Gamma.app – <https://gamma.app>

- Gamma.app is a tool that turns papers into PowerPoint presentations, with a focus on maintaining accuracy and coherence.
- Automatic Slide Generation: Converts documents into presentations with minimal manual input.
- Customizable Slides: Allows for customization and editing of generated slides.
- AI Assistance: Uses AI to ensure that key points are highlighted and well-represented.
- Caution: Be aware that AI-generated content might occasionally include inaccuracies or "hallucinations."



8. Prompting

LearnPrompting -
<https://learnprompting.org/>

SnackPrompt – <https://snackprompt.com/>

FlowGPT - <https://flowgpt.com/>



NeatPrompts -
<https://www.neatprompts.com/>

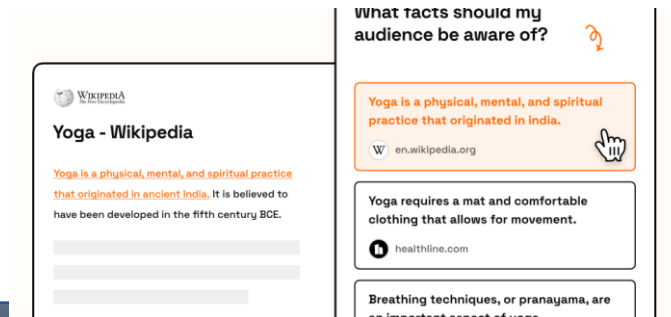
9. Writing assistance



9. Writing assistance

Reword - <https://reword.com/>

- Reword.co combines features of Moonbeam and ChatGPT but allows users to train the AI with the writing style of their favorite authors.
- Customizable Writing Style: Train the AI to mimic the writing style of preferred authors for personalized content.
- Content Generation: Provides suggestions and assistance for writing various types of content.
- Interactive Editing: Real-time editing and feedback to improve the quality of writing.
- User-Friendly Interface: Intuitive interface for easy use and seamless integration into the writing process.



Jenni.ai – <https://jenni.ai/>

- Jenni.ai is an AI-powered writing tool that helps users draft and edit content iteratively, with the option to insert citations.
- Iterative Drafting: Assists in drafting content step-by-step, providing suggestions and improvements.
- Citation Insertion: Easily insert citations to ensure academic and professional standards.
- Real-Time Editing: Offers real-time feedback and editing suggestions.

Supercharge Your Next
Research Paper

9. Writing assistance

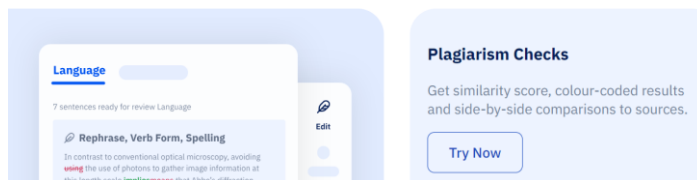
Paperpal - <https://paperpal.com/>

- Paperpal.com is an AI writing assistant designed to help users create well-structured documents.
- Document Structuring: Helps in organizing content into a coherent and logical structure.
- Grammar and Style Check: Provides suggestions for improving grammar, style, and readability.
- Content Refinement: Assists in refining and polishing text to enhance quality.

Writefull – <https://www.writefull.com/>

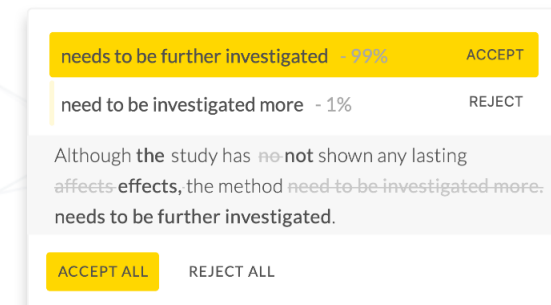
- Writefull is an AI-powered writing tool that provides feedback on grammar, style, and usage.
- Grammar and Style Feedback: Offers real-time suggestions to improve grammar and writing style.
- Language Support: Supports multiple languages for multilingual writing assistance.
- Contextual Corrections: Provides corrections based on the context of the text.
- Academic Writing: Tailored features for improving academic writing quality.

Unmatched features for academic writing



Academic writing is hard.

Writefull's AI helps you write, paraphrase, copyedit, and more.



9. Writing assistance

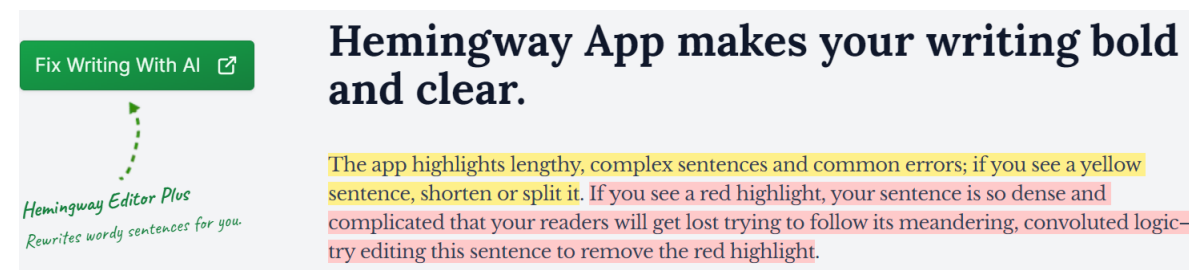
HemingwayApp -


<https://hemingwayapp.com/>

- HemingwayApp.com is a tool designed to improve the clarity and readability of writing.
- Readability Analysis: Analyzes text to identify complex sentences and suggest simplifications.
- Highlighting: Highlights hard-to-read sentences, passive voice, and adverbs.
- Real-Time Feedback: Provides real-time feedback on writing quality.

Pi.ai/Talk – <https://www.writefull.com/>

- Pi.ai/Talk is an AI personal assistant that users can ask about writing specific things and get personalized assistance.
- Personalized Assistance: Provides tailored help for writing tasks and questions.
- Conversational Interaction: Engage in interactive dialogues to refine and develop writing.
- Versatility: Assists with a variety of writing-related tasks, from drafting to editing.



Fix Writing With AI 

Hemingway Editor Plus
Rewrites wordy sentences for you

Hemingway App makes your writing bold and clear.

The app highlights lengthy, complex sentences and common errors; if you see a yellow sentence, shorten or split it. If you see a red highlight, your sentence is so dense and complicated that your readers will get lost trying to follow its meandering, convoluted logic—try editing this sentence to remove the red highlight.

Hey there, great to meet you. I'm Pi, your personal AI.

My goal is to be useful, friendly and fun. Ask me for advice, for answers, or let's talk about whatever's on your mind.

9. Writing assistance

Grammarly -

<https://www.grammarly.com/>

- Grammarly.com is a widely-used writing assistant that checks grammar, punctuation, and style.
- Grammar and Spelling Check: Identifies and corrects grammatical errors and typos.
- Style Suggestions: Provides suggestions to improve writing style and clarity.
- Plagiarism Detection: Checks for potential plagiarism in the text.
- Browser and App Integration: Integrates with browsers and various applications for seamless use.

DeepL Write –

<https://www.deepl.com/de/write>

- DeepL Write is a tool for improving wording, grammar, and style, supporting multiple languages.
- Language Support: Supports multiple languages for writing assistance.
- Grammar and Style Improvement: Provides suggestions to enhance grammar, style, and word choice.
- Translation Integration: Integrates with DeepL Translator for high-quality translations.

Responsible AI that ensures your writing and reputation shine

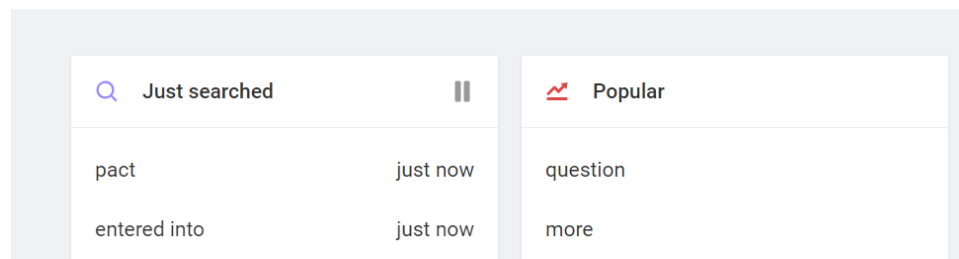
Work with an AI writing partner that helps you find the words you need—to write that tricky email, to get your point across, to keep your work moving.

9. Writing assistance

PowerThesaurus -

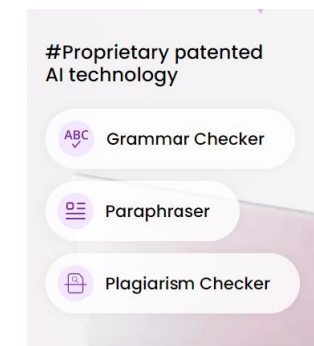
<https://www.powerthesaurus.org/>

- PowerThesaurus.org is a powerful thesaurus tool that helps users find synonyms and antonyms for words.
- Extensive Database: Offers a large database of synonyms, antonyms, and related terms.
- User Contributions: Allows users to contribute and vote on entries.
- Search Functionality: Easy search for finding the right words quickly.
- Contextual Suggestions: Provides suggestions based on the context of the text.



Trinka – <https://www.trinka.ai/>

- Trinka.ai is a grammar and language checker that acts as a writing assistant, helping users enhance the quality and clarity of their writing.
- Grammar and Style Checks: Identifies and corrects grammar and style issues.
- Academic Writing: Tailored for academic writing, providing suggestions for improving structure and clarity.
- Technical Writing: Offers enhancements for technical documents, ensuring precision and clarity.
- Customizable: Allows users to customize rules and preferences to fit their specific needs.



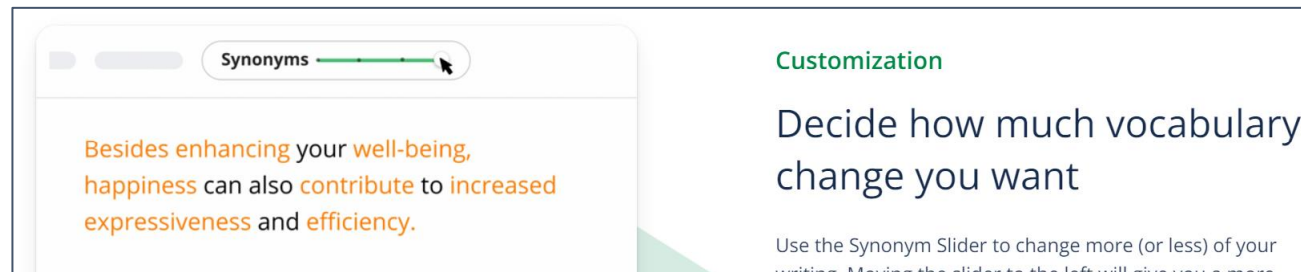
9. Writing assistance

QuillBot - <https://quillbot.com/>

- QuillBot.com is a versatile AI tool for paraphrasing, summarizing, and checking grammar and style.
- Paraphrasing: Rewrites text to improve clarity and avoid plagiarism while maintaining the original meaning.
- Summarizing: Condenses long documents into brief summaries.
- Grammar Check: Identifies and corrects grammatical errors.
- Writing Modes: Offers different writing modes to adjust tone and style.

TextFX – <https://www.trinka.ai/>

- TextFX.withgoogle.com is a collection of quirky tools based on Google Palm 2 that help users reformulate text, find analogies, and develop scenes.
- Reformulation: Helps rephrase and improve existing text.
- Analogy Finder: Generates analogies to clarify concepts and ideas.
- Scene Development: Assists in creating detailed scenes for storytelling and writing.
- Creative Tools: Provides a fun and engaging way to enhance writing.



TextFX is an AI experiment that uses Google's PaLM 2 large language model. These 10 tools are designed to expand the writing process by generating creative possibilities with text and language.



MINDS

Machine Intelligence and Data Science

<https://datascience.entavis.com>

Sabrina Göllner



Finn Dohrn



Thorben Schomacker



Marina Tropmann-Frick



Tobias Schreier



Phuc Tran



Arne Grünhagen