

SNS COLLEGE OF TECHNOLOGY



Coimbatore-35
An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A+' Grade Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

19AMB302-FULL STACK AI

AI TOOLS

M.POORNIMA DEVI,AP/AIML

ARTIFICIAL INTELLIGENCE (AI) TOOLS LIST





Introduction to AI Tools

- •Before we talk about the various <u>types of Artificial</u> <u>Intelligence</u> tools available in the market, let us first give a brief understanding of AI tools.
- •It is clear that in the years to come, <u>Artificial Intelligence</u> is expected to assist in all major developments and completely change the way things are done today. It is likely to be an inseparable helping hand in all the major industries.
- •At the moment, businesses need to understand the probable <u>benefits of AI</u> that they can have on their business operations.
- •Such tools are useful because they can take care of predefined tasks while humans are responsible for the decision making. These tools not only help you develop but also make significant contributions to optimizing networks and workflows.



List of Artificial Intelligence Tools

Here, let's learn about the numerous AI automation tools that are used in the industry today.

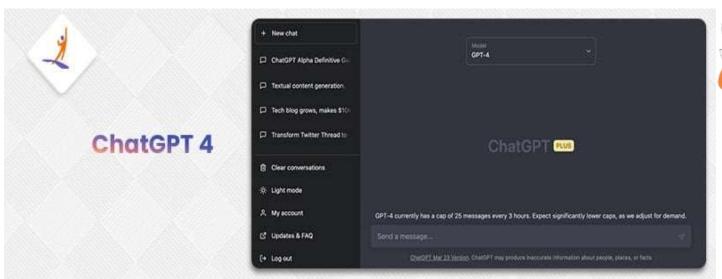


1. ChatGPT4

- •ChatGPT 4, created by OpenAI, is a powerful chatbot. It's the next generation of ChatGPT and is renowned for its capability to produce high-quality text in response to various prompts and questions, making it a valuable conversational AI.
- It is also capable of translating languages, writing different kinds of creative content, and answering your questions in an informative way. Furthermore, ChatGPT 4 introduces a distinctive aspect called ChatGPT plugins, which are add-on tools that enhance the chatbot's core functionality.
- •These plugins enable ChatGPT 4 to access updated information, utilize external services, and perform computations, expanding its range of functions.

In addition to that, GPT4 also enables a common audience to become developers by launching <u>custom GPTs</u>.





- •Customizes educational materials and teaching approaches to suit the distinct requirements and learning speed of individual students, enhancing the overall learning process.
- •Possesses the power to analyze intricate data, providing valuable insights, summaries, and recommendations, which aid in making well-informed decisions in various fields.
- •Capable of adjusting its communication style to align with the user's personality, interests, and knowledge level, resulting in more natural and engaging conversations.



2. Google Bard



- •ChatGPT's main competitor is Google Bard, often called a conversational generative artificial intelligence chatbot and was developed by Google. Google Bard can chat with people and hold interactive conversations.
- •It uses advanced AI technologies like LaMDA, PaLM, Imagen, and MusicLM.
- •These technologies are used to invent new ways of engaging with different types of information, like text, images, videos, and audio., This enhances the tool's capabilities

Here are some additional details about the tool and how it can be used:

Enables real-time translation of conversations, ensuring smooth communication and understanding between individuals conversing in different languages and promoting global connections.



•Adjusts its responses and suggestions to match the context of your conversations and tasks, offering timely and valuable information that enriches your user experience.



•GoogleBard, powered by LaMDA, an AI language tool, helps in generating a range of content, spanning from poems and stories to essays, serving as an innovative tool for writing and content creation.

3. Chatsonic

- •ChatSonic is a smart AI tool made by Writesonic.
- •It uses AI to helps companies make their conversations with customers more special.
- •It uses fancy computer learning and has pre-written conversations to sound like a human.
- •ChatSonic can also make text and pictures, and it looks up useful stuff from Google to give even better answers.



- •Generate eye-catching and shareable social media posts that grabs attention, boosts interactions, and elevates your brand's visibility on digital platforms.
- •Uses advanced technology to understand emotions in text messages, allowing it to respond in a way that's more empathetic and personalized for better interaction.
- •Enables AI-driven chatbots to deliver swift, precise, and customized customer assistance, ultimately enhancing customer satisfaction and cutting down on support expenses.

4. Midjourney

- •Midjourney is the most popular <u>AI art generator tool</u> that uses AI (Artificial Intelligence) to generate art.
- It's like having a virtual artist create artwork for you.



•It uses sophisticated AI algorithms, particularly deep learning neural networks, to create art.



•These algorithms can analyze and understand patterns, styles, and artistic elements from existing artworks.



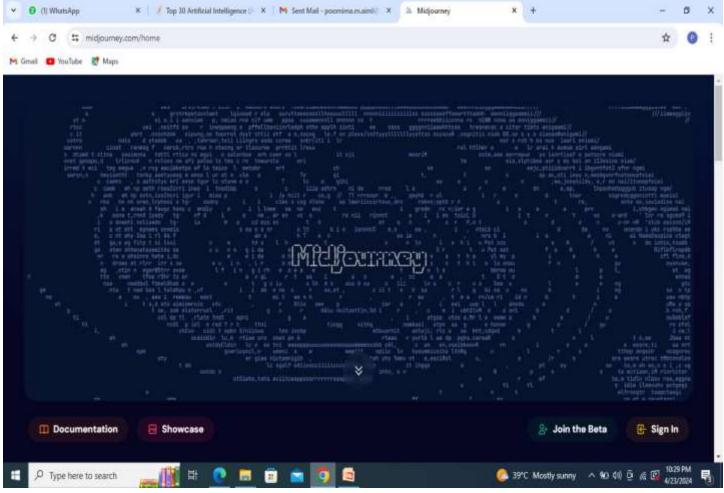




- •Design and visualize realistic product prototypes, from fashion accessories to furniture pieces, using Midjourney's ability to generate 3D models from text descriptions.
- •Utilize Midjourney's feature to craft lifelike portraits, vividly illustrating your characters' individuality, expressions, and unique personalities, breathing life into your stories.
- •Reimagine historical events and create realistic scenes from the past, using Midjourney's ability to generate images based on historical research and descriptions.

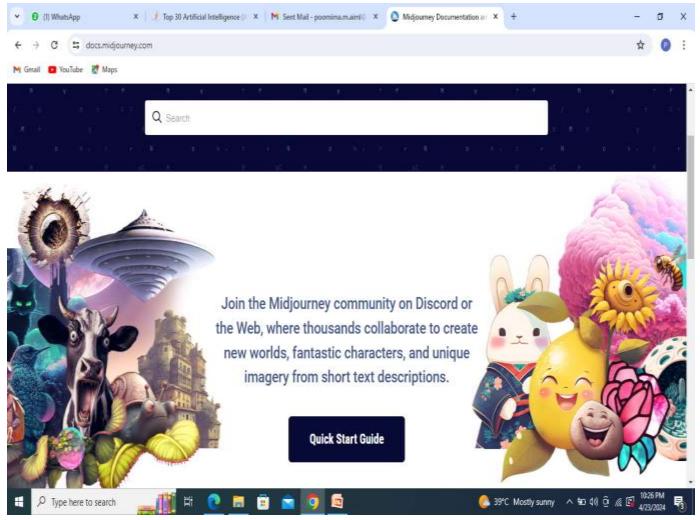
















THANKYOU



SNS COLLEGE OF TECHNOLOGY



Coimbatore-35
An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A+' Grade Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

19AMB302-FULL STACK AI

AI TOOLS

M.POORNIMA DEVI, AP/AIML



1.DALL-E 3



- •DALL-E 3 is the latest iteration of OpenAI's groundbreaking AI model, specializing in image generation based on textual descriptions.
- It expands the AI's creative abilities by producing a wide range of images based on detailed descriptions, covering everything from basic objects to intricate scenes and abstract ideas.
- •DALL-E 3 leads the way in AI-powered visual creativity.
- •It understands text better and generates images to produce a variety of contextually relevant visual content.

Here are some additional details about the tool and how it can be used:

•Transform your cinematic concepts into reality by crafting impactful <u>AI movie</u> posters customized to different genres, using DALL-E 3's ability to visualize scenes and evoke emotions through imagery.

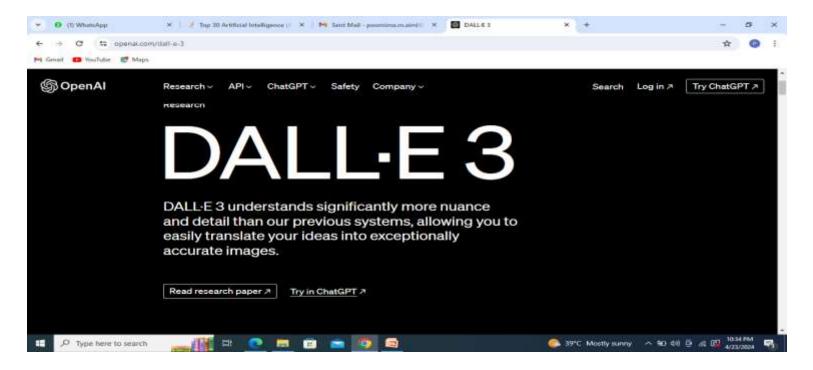


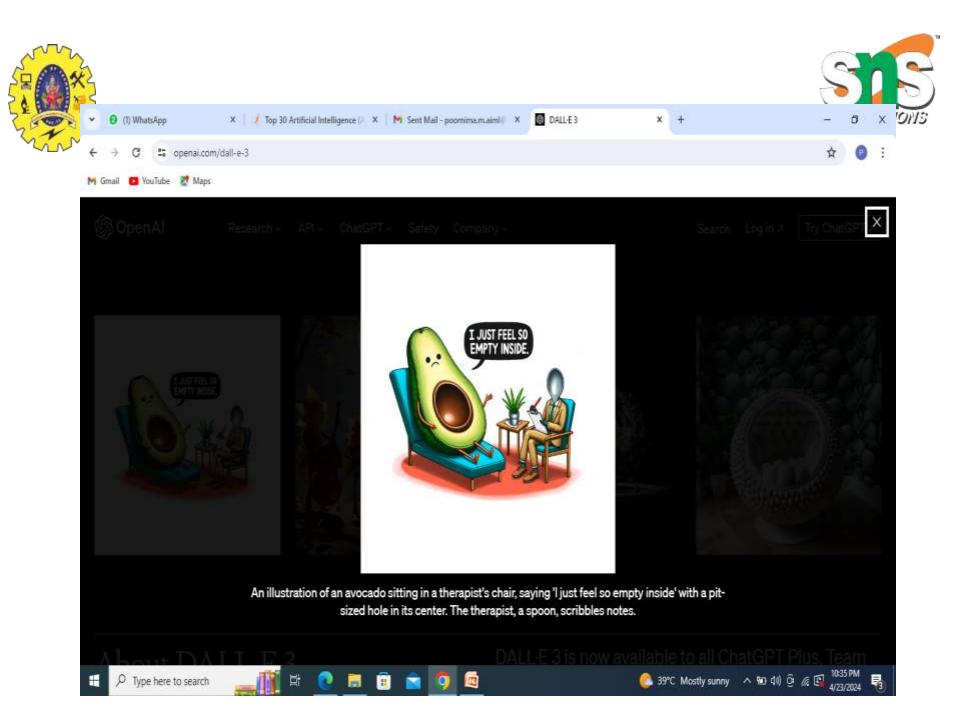
It generates visual solutions for complex challenges, assisting in architectural design, conceptualizing fashion ideas, and prototyping products.



The AI model helps in language comprehension by visually representing idioms, expressions, and vocabulary, enhancing overall understanding and learning.

Screenshot:







2. SlidesAI



- •SlidesAI referred to as a top <u>AI PowerPoint generator tool</u>, is a software or platform designed to assist users in creating and enhancing presentations using artificial intelligence (AI) capabilities.
- •SlidesAI uses AI algorithms to automatically generate content for PowerPoint presentations. This content can include text, images, charts, and even layout suggestions.
- •Users can input their presentation topic or key points, and the AI generates slides accordingly.

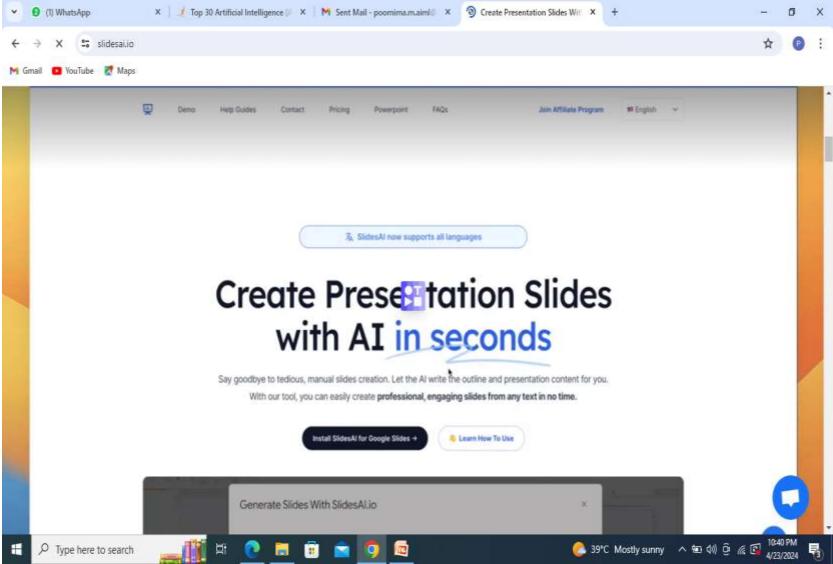




- •Translates content into multiple languages, allowing global accessibility and localized presentations, ensuring a wider reach and understanding across different regions.
- •Provides design suggestions and layout improvements, by using AI to refine aesthetics and optimize visual impact for more engaging presentations.
- •Extract key points and summarize lengthy documents into concise and informative presentation slides, saving you time and effort.

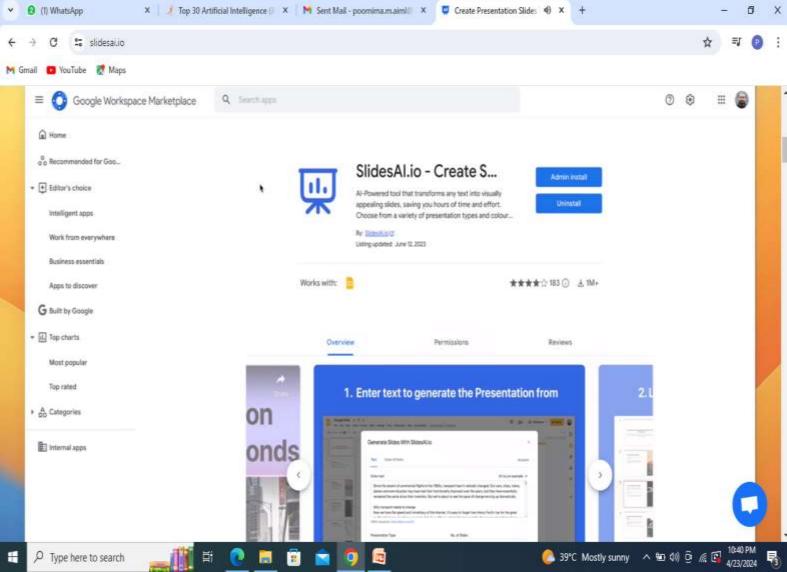






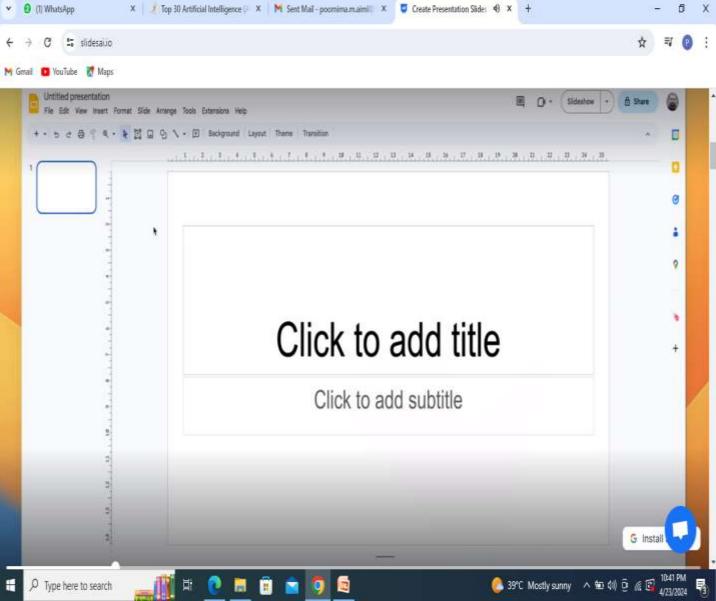






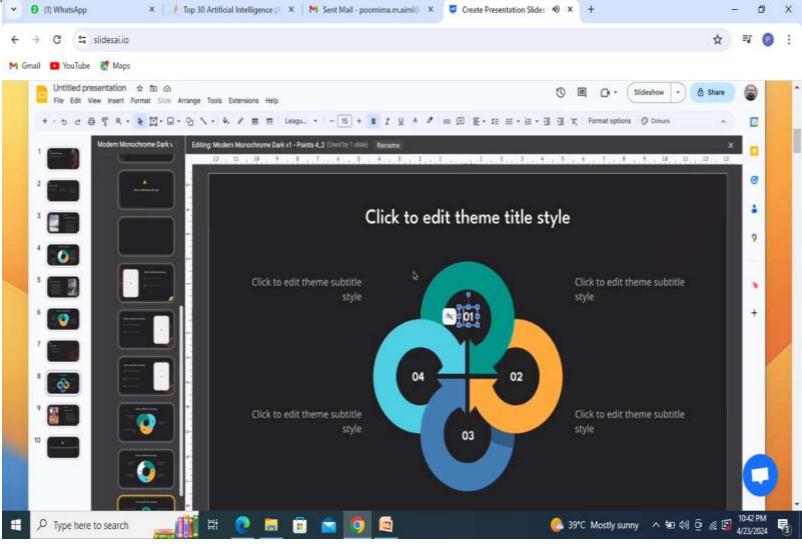










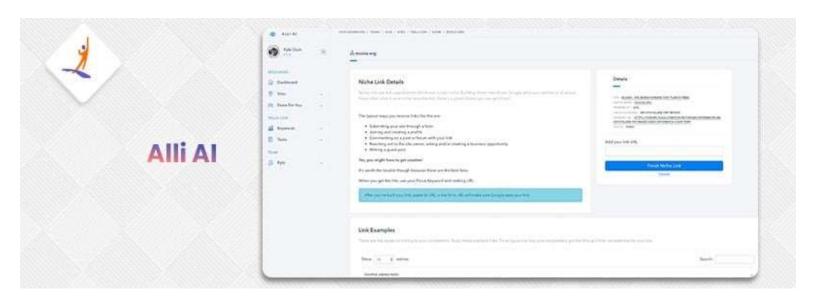




3.Alli AI



- •Alli AI stands out as a top-notch <u>AI tool for SEO</u> as it makes SEO tasks easier for companies.
- For busy marketers, finding tools that simplify their work is crucial.
- •With this tool, you can also test different keywords on your pages and automatically keep the one that works best after the testing is done.
- •With this tool, tracking and reporting can easily be done by accurately measuring the effectiveness of your SEO efforts and making informed decisions.







- •Capable of helping in the creation of impactful PPC advertisements, refining landing pages, and overseeing bids to enhance your campaign's effectiveness while maximizing your return on investment (ROI).
- •Conducts thorough data analysis, offering valuable insights to effortlessly enhance and optimize marketing strategies.
- •Customizes content for each person, ensuring that the messages they receive are very personalized.

8. HubSpot Free AI Content Writer Tool

- •HubSpot's <u>AI content writer tool</u> is a powerful tool that can help businesses generate content for many programs and channels.
- •It can be used to create AI-written, human-reviewed content, which can save businesses time andmoney.





- •Generates content in over 20 languages.
- •Creates content for a variety of industries, including healthcare, technology, and education.
- •Capable of generating content for different purposes like marketing, sales, and customer support.

9. Paradox

- •Paradox.ai is a <u>HRM</u> software that helps companies to choose the best candidates for their job openings.
- It uses a friendly AI assistant called Olivia to do this. Paradox.ai makes it easier for companies to find the best job candidates, increase the number of people they hire, and answer common questions.





- •Utilizes predictive analytics to forecast employee performance, helping with smarter recruitment decisions.
- •Integration with diverse HR technologies to simplify functions such as interview scheduling and candidate data management.
- •Olivia, the chatbot from Paradox, interacts with candidates, making communication easier and enhancing their overall experience.





THANKYOU



SNS COLLEGE OF TECHNOLOGY



Coimbatore-35
An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A+' Grade Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

19AMB302-FULL STACK AI

AI TOOLS

M.POORNIMA DEVI,AP/AIML



1.HUBSPOT FREE AI CONTENT WRITER TOOL



- •HubSpot's <u>AI content writer tool</u> is a powerful tool that can help businesses generate content for many programs and channels.
- It can be used to create AI-written, human-reviewed content, which can save businesses time and money.

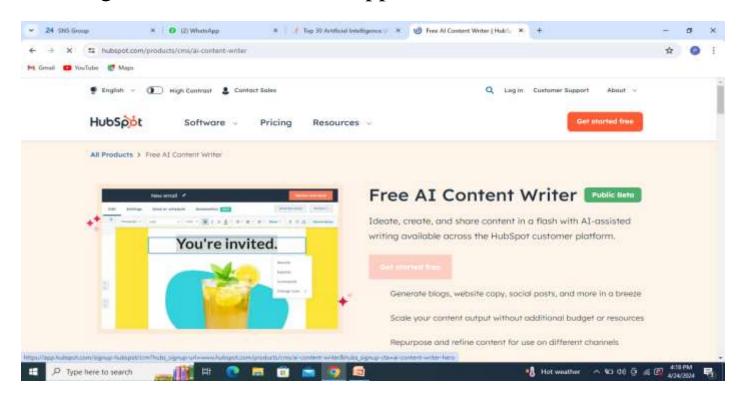
The tool works by using a variety of data sources, including your website content, social media posts, and blog posts, to learn about your business and your target audience.

•Once it has learned about your business, it can generate content that is tailored to your specific needs.





- •Generates content in over 20 languages.
- •Creates content for a variety of industries, including healthcare, technology, and education.
- •Capable of generating content for different purposes like marketing, sales, and customer support.



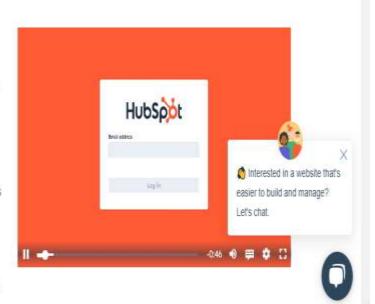


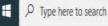


Generate engaging content at the push of a button.

Businesses are continuously challenged to do more with less. Content is a great way to drive brand awareness and attract leads, but scaling output without using more resources is nearly impossible.

With HubSpot's free AI writer, businesses can quickly generate copy for many channels and programs. The AI-powered writing assistant is available in HubSpot's marketing, sales, and content features, allowing your team to create and edit copy in the tools they already know and love. Simply input a prompt or topic, and watch as HubSpot's content writer drafts your next prospecting email, landing page, or blog post.





























2.PARADOX

•Paradox.ai is a <u>HRM</u> software that helps companies to choose the best candidates for their job openings.

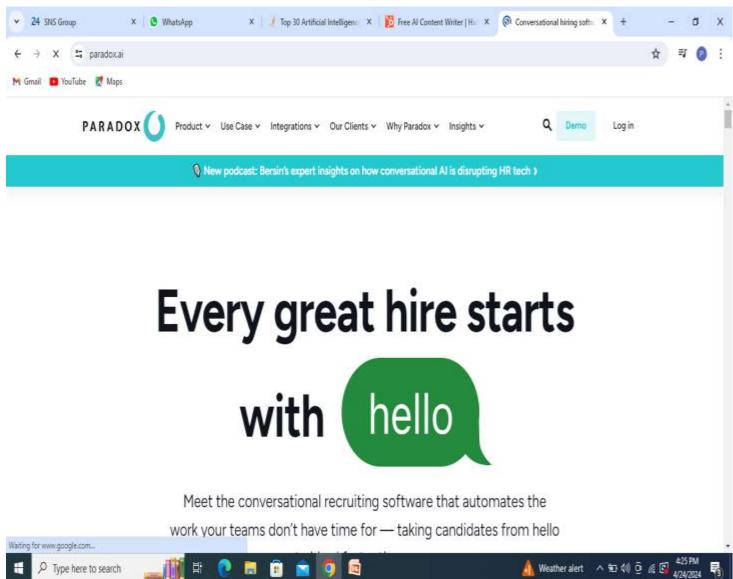


•It uses a friendly AI assistant called Olivia to do this. Paradox.ai makes it easier for companies to find the best job candidates, increase the number of people they hire, and answer common questions.

- •Utilizes predictive analytics to forecast employee performance, helping with smarter recruitment decisions.
- •Integration with diverse HR technologies to simplify functions such as interview scheduling and candidate data management.
- •Olivia, the chatbot from Paradox, interacts with candidates, making communication easier and enhancing their overall experience.

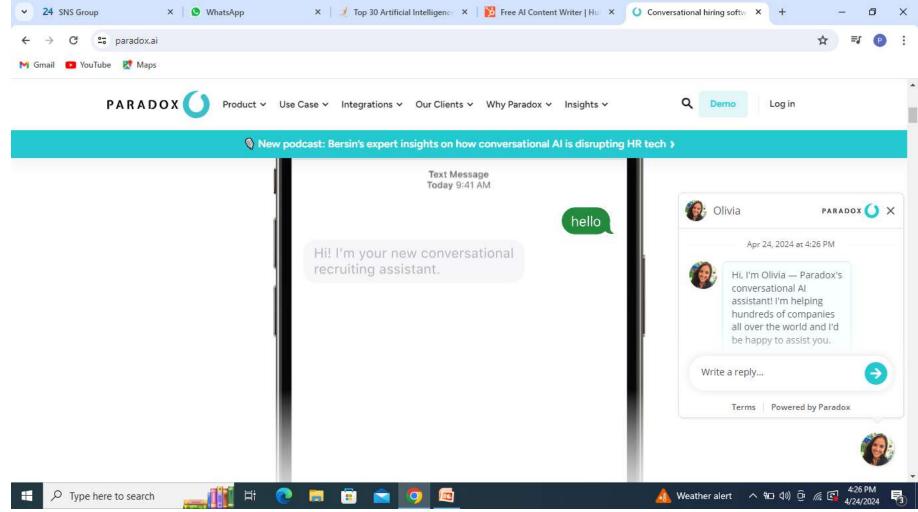












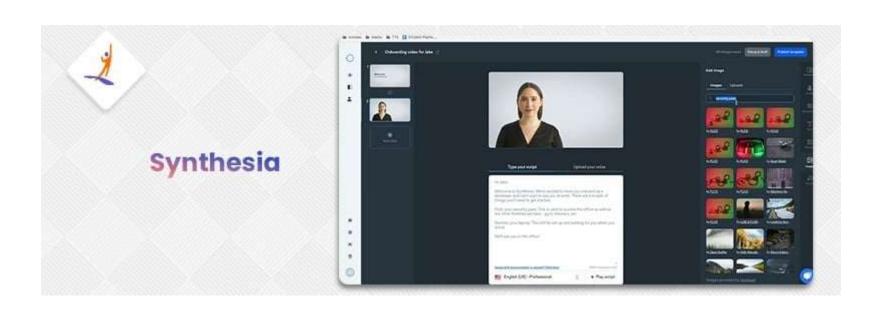


3.SYNTHESIA

•In order to create videos from written information, Synthesia stands out as a top <u>artificial intelligence (AI) video generator</u> tool.



•This tool offers a rapid and user-friendly approach to crafting high-quality videos. It caters to businesses seeking training or marketing materials, educational institutions producing instructional content, and individuals creating videos for personal or professional use.



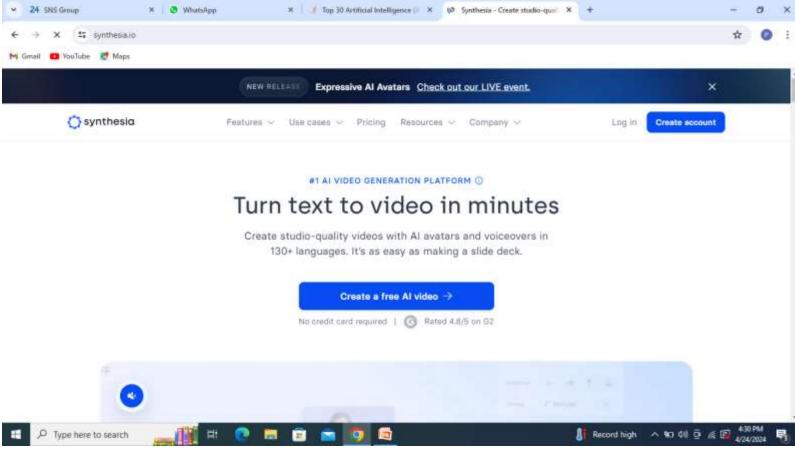




- •Creates personalized videos for each of your customers, with different avatars, voices, and messages that can increase engagement and customer satisfaction.
- •Utilizes AI to transform the text into videos, eliminating the need for self-recording or hiring actors.
- •Being proficient in over 120 languages enables smooth video translation, expanding your content's global reach and engaging a wider spectrum of viewers.







4.AIXCODER



•AIXCODER stands out as the best AI tool for coding, offering the capability to generate code at the method-level directly from natural language input. It also provides intelligent code completion for entire sections or multiple lines of code.



•This tool assist users to seamlessly incorporate suggested code from aiXcoder or continue writing to receive immediate, contextually-driven feedback.

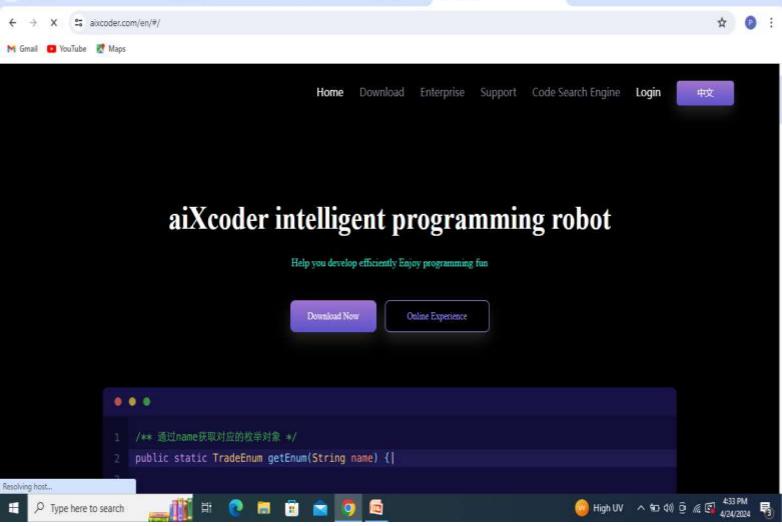
- •It can be added to commonly used software like IntelliJ IDEA, CLion, GoLand, PyCharm, WebStorm, and Visual Studio Code.
- •Works with different programming languages like Java, Python, C++, C#, JavaScript, TypeScript, Go, and several others.
- •Functions without needing the internet, allowing you to use it anytime, even when you're not connected online.



24 SNS Group

X WhatsApp





X J Top 30 Artificial Intelligence (F X



5.TABNINE



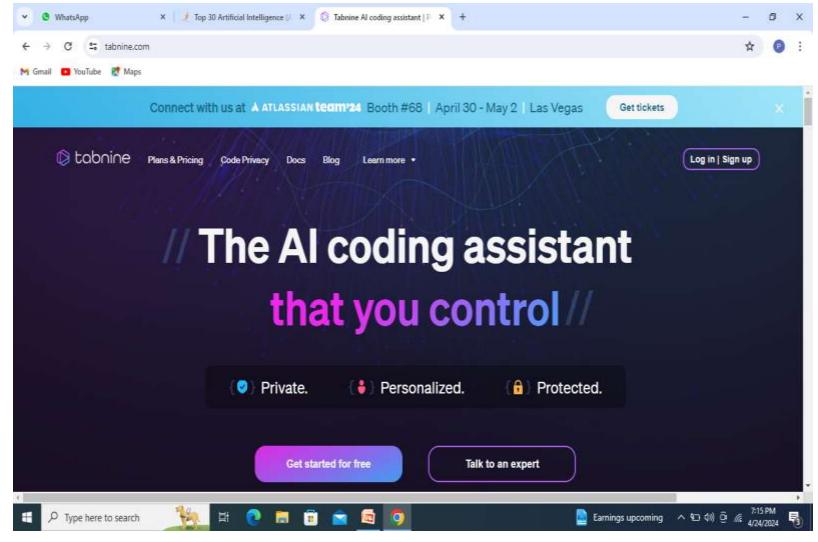
- •TabNine serves as an AI code assistant trusted by a global community of over a million developers across numerous companies.
- •It offers tailored code suggestions that greatly enhance efficiency, simplify repetitive coding tasks and yield top-tier, industry-standard code.
- •TabNine utilizes a Large Language Model (LLM) trained on reputable open-source code with permissive licenses, StackOverflow Q&A, and even your entire codebase (Enterprise feature).
- •This means it generates more relevant, higher quality, more secure code than ChatGPT 4 or other tools on the market.



- •Using TabNine for code refactoring enhances code clarity, making it more understandable and maintainable, which is particularly beneficial when collaborating on or modifying code composed by others.
- •Capable of generating code documentation which proves exceptionally efficient, particularly for developers dealing with extensive codebases, saving substantial time and effort.
- •By using it, one can address standard coding errors, ensuring more reliable code and a decreased chance of bugs.











THANKYOU



SNS COLLEGE OF TECHNOLOGY



Coimbatore-35
An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A+' Grade Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

19AMB302-FULL STACK AI

AI TOOLS

M.POORNIMA DEVI,AP/AIML



1.DEEPBRAIN AI



- •DeepBrain AI has proven its world-class conversational artificial intelligence technology to be highly utilized in many areas, including broadcasting, education, and in service industry.
- •The main goal of DeepBrain AI is to build a connection with your viewers by elevating your training videos using hyperrealistic AI avatars offered by DeepBrain to infuse them with a lifelike quality.



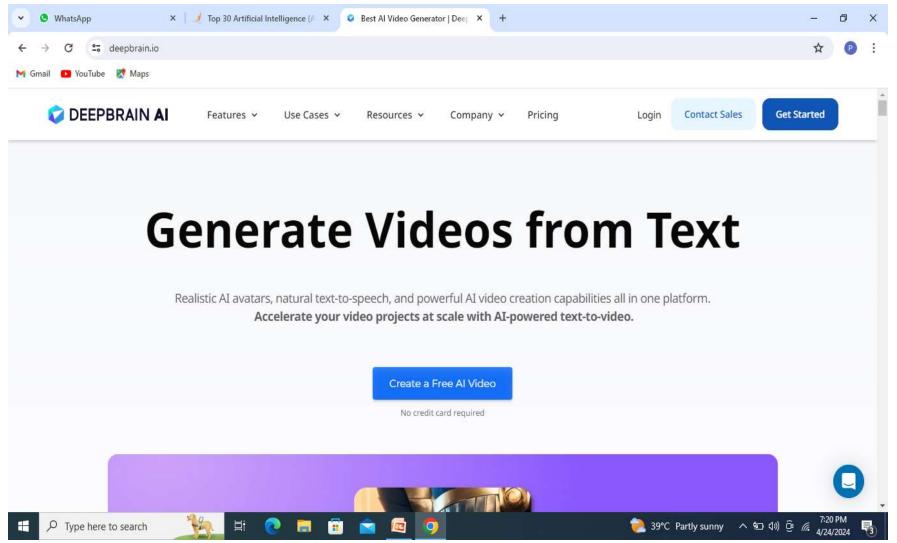




- •Enables anomaly detection in manufacturing processes, optimizing quality control, and reducing defects through AI-powered analysis.
- •AI technology in DeepBrain helps in financial forecasting by analyzing market trends and supporting more informed investment decisions.
- •Performs anomaly detection in manufacturing processes, optimizing quality control, and reducing defects through AI-powered analysis.









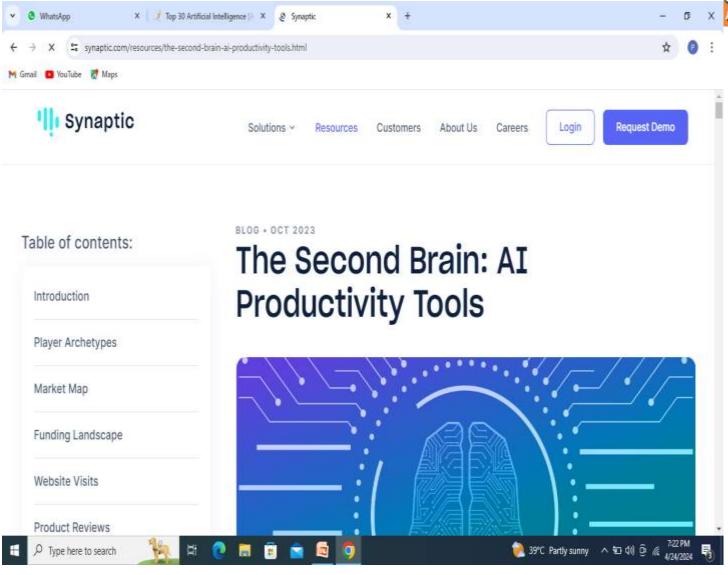
2.SECONDBRAIN



- •Previously recognized as MagicChat, SecondBrain helps you to construct ChatGPT-like bots equipped with in-depth familiarity with your business or product, bolstering your sales and customer service initiatives.
- •By utilizing various content sources such as webpages, files, and documents, you have the capability to train your bot on how to provide immediate assistance to users visiting your website with inquiries about your services.

- •It lets the chatbot learn on its own, getting smarter as it interacts with real customers, and constantly growing its knowledge base.
- •It allows you to customize chatbot conversations using information about customers, such as purchase history or browsing behavior.





3.TEXTIO

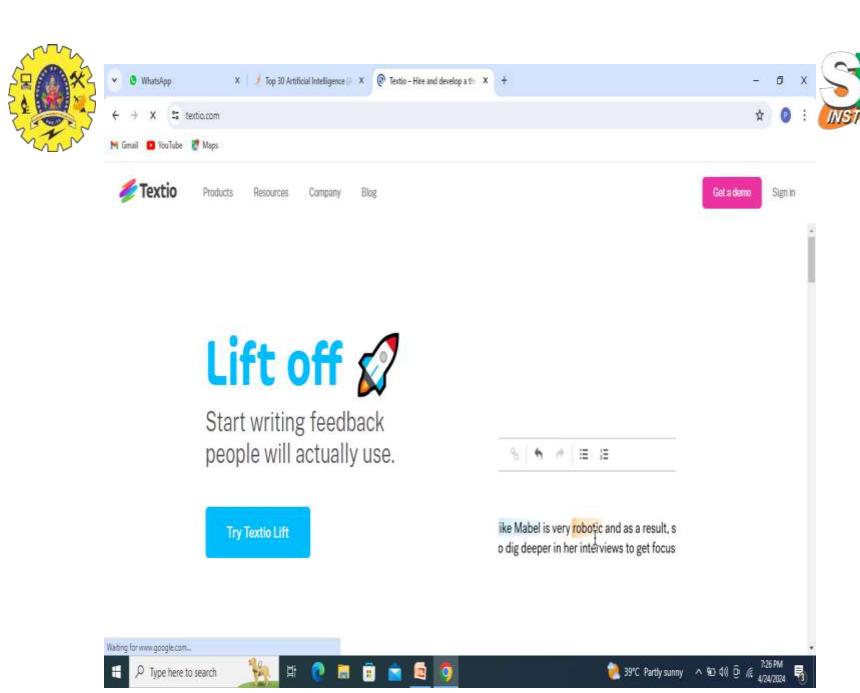


•Textio is an AI-powered talent acquisition tool designed to craft job descriptions and provide guidance for performance reviews.



- •Its primary goal is to eliminate bias in the hiring process and foster the creation of a more inclusive and diverse workforce.
- •Textio guides recruiting teams to quickly optimize job posts and candidate outreach with inclusive, on-brand language.

- •Uses augmented writing to predict how well job listings, emails, or other written content will perform by analyzing language patterns and past data.
- •Applies machine learning and data analysis to offer insights into how certain phrases or language choices might impact the target audience, helping users craft more impactful communication
- •Textio easily links up with popular writing tools like Slack, Gmail, and Microsoft Word, simplifying its integration into your established workflow.





4.WORDTUNE



- •Wordtune is an AI powered reading and writing companion capable of fixing grammatical errors, understanding context and meaning, suggesting paraphrases or alternative writing tones, and generating written text based on context.
- •Wordtune seamlessly integrates with widely used work tools such as Microsoft Word, iOS, and Google Chrome, enhancing the editing and writing process for a more efficient work experience.



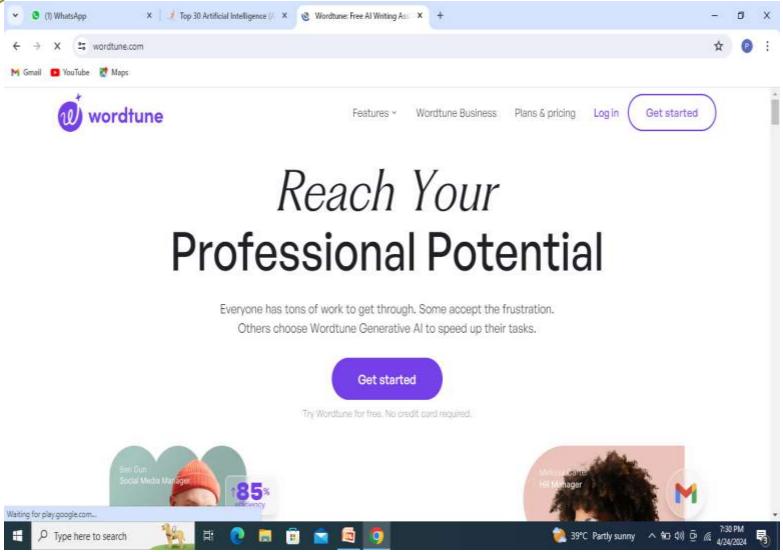




- •Wordtune gets better as you use it, learning from how you write and giving personalized suggestions, making it a smart tool that keeps improving to help you write better.
- •Supports multiple languages, expanding its utility beyond English-speaking users, making it valuable for a diverse global audience looking to refine their writing in different languages.
- •Adjusts the tone of your writing to suit the situation, whether you want to be formal, informal, humorous, or persuasive.









5.FIGSTACK



•Figstack provides a comprehensive set of artificial intelligence tools designed to support developers in comprehending and documenting code more effectively. Its diverse array of features is geared towards simplifying the coding process, featuring a natural language interpreter capable of understanding code in nearly any <u>programming language</u>.

- •Figstack is not just a diagramming tool, but a versatile visual collaboration platform that allows users to create diagrams, flowcharts, mind maps, and wireframes, making it ideal for various industries and purposes.
- •With its cloud-based nature, Figstack is accessible from any device with an internet connection, allowing users to work on their diagrams and collaborate from anywhere.
- •Allows many people to work together on a diagram or project at the same time. This helps teams collaborate better, making it easier for people working from different locations to work together smoothly.



6.DESCRIPT



- •Descript is an all-inclusive AI-powered video editing tool that enables you to swiftly produce polished videos. It offers the capability to incorporate diverse visual elements, titles, captions, and even animate layers.
- •With Descript, you can seamlessly include voiceovers in your video, providing a selection of stock voices or the option to replicate your own. There's also a restricted free plan accessible to users.

- •Through its integration with hosting platforms, Descript enables users to seamlessly release and distribute their podcast episodes directly from the platform.
- •Descript's Overdub feature creates artificial voices for editing audio. This means you can easily edit and replace parts of the audio by generating new speech that sounds like you, based on your existing recordings.



7.INK



- •This AI-powered tool integrates three key components: an AI writer, an SEO optimization tool, and a content planner. These elements can be employed separately or as a comprehensive package known as the INK Suite.
- •The objective of this application is to streamline the writing process by consolidating various tools that writers typically utilize to deliver a seamless user experience that consists of various aspects of the writing process

- •The "Semantic Editor" in this tool assists users by analyzing their content to help them grasp how relevant and understandable it is, suggesting improvements for better clarity and tone.
- •It includes a "Headline Performance Score" feature to evaluate the effectiveness of headlines and offers recommendations for enhancing their impact.





THANKYOU