

MICROSOFT+ OPENAI

# This changes everything



Microsoft is adding OpenAI's ChatGPT to its products.

This changes work as we know it.

Click next for the full story.

---

[www.spearhead.so](http://www.spearhead.so)



# What is ChatGPT?



ChatGPT (Generative Pre-trained Transformer) is a chatbot application from OpenAI.

Built on GPT-3 family of large language models, it was launched in November 2022.

It has been trained with both supervised and reinforcement learning techniques.

ChatGPT has crossed one million users within a week of its launch.

ChatGPT and other OpenAI products are growing virally, bringing AI to the masses for general use.



# Why is Microsoft + OpenAI such a big deal?

OpenAI capabilities are now being integrated into Microsoft products, starting with integration of ChatGPT API in Azure.

According to Satya “Every product of Microsoft will have some of the same AI capabilities to completely transform the product”.

Let's take a look at how Microsoft products are evolving.

---



# Leveling Up Azure



## Microsoft Azure

The Azure OpenAI service will now include a number of AI models made by OpenAI including GPT-3.5, Codex, and DALL-E.

Businesses and developers can utilize these systems in their own apps and workloads.

Microsoft is scaling up GPT-3.5 with Azure's cloud management and data handling capabilities.

---

[www.spearhead.so](http://www.spearhead.so)



# Empowering Developers with Github Copilot

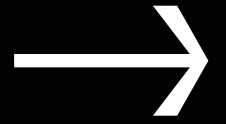
OpenAI helps Microsoft to power GitHub Copilot, a service that suggests lines of code to developers inside their code editor for less bugs, more accuracy, and higher productivity



# Power BI

## **Accelerating Business Intelligence**

Microsoft Power BI will use GPT-3 natural language models to generate formulae and expressions for data querying and reporting



# Enabling Designer Creativity

Microsoft Designer app will use DALL-E 2 to generate art from textual prompts to help designers scale their creativity and productivity



# Binging on Search



Microsoft is integrating ChatGPT into Bing search queries to provide more human-like answers rather than just search results





# AI is your new Office assistant



Microsoft is integrating OpenAI technology into its Word, PowerPoint, and Outlook apps.

Imagine chatbot AI assistants for composing emails, writing formulae, autocompleting documents, generating images for slides, auto spell corrections, retrieving data from email history...

---

[www.spearhead.so](http://www.spearhead.so)



**“We need something that truly changes the productivity curve so we can have real economic growth”.**

Expect Microsoft to completely change the world of work in 2023 and beyond.

Data sources: Microsoft.com, Reuters, The Verge, Financial Times. All copyrights and trademarks are the property of their respective owners

---

[www.spearhead.so](http://www.spearhead.so)