

What are copilots?

4 minutes

The availability of LLMs has led to the emergence of a new category of computing known as copilots. Copilots are often integrated into other applications and provide a way for users to get help with common tasks from a generative AI model. Copilots are based on a common architecture, so developers can build custom copilots for various business-specific applications and services.

You may see copilots appear within the products that you already use, for example, as a chat screen feature that opens up next to your file. These copilots use the content that is created or searched for in the product as specific information for its results.

It's helpful to think of how the creation of a large language model is related to the process of creating a copilot application:

1. A large amount of data is used to train a large language model.
2. Services such as Azure OpenAI Service make pretrained models available. Developers can use these pretrained models as they are, or fine-tune them with custom data.
3. Deploying a model makes it available for use in applications.
4. Developers can build copilots that submit prompts to models and generate content for use in applications.
5. Business users can use copilots to boost their productivity and creativity with AI-generated content.

Copilots have the potential to revolutionize the way we work by helping with first drafts, information synthesis, strategic planning, and much more.

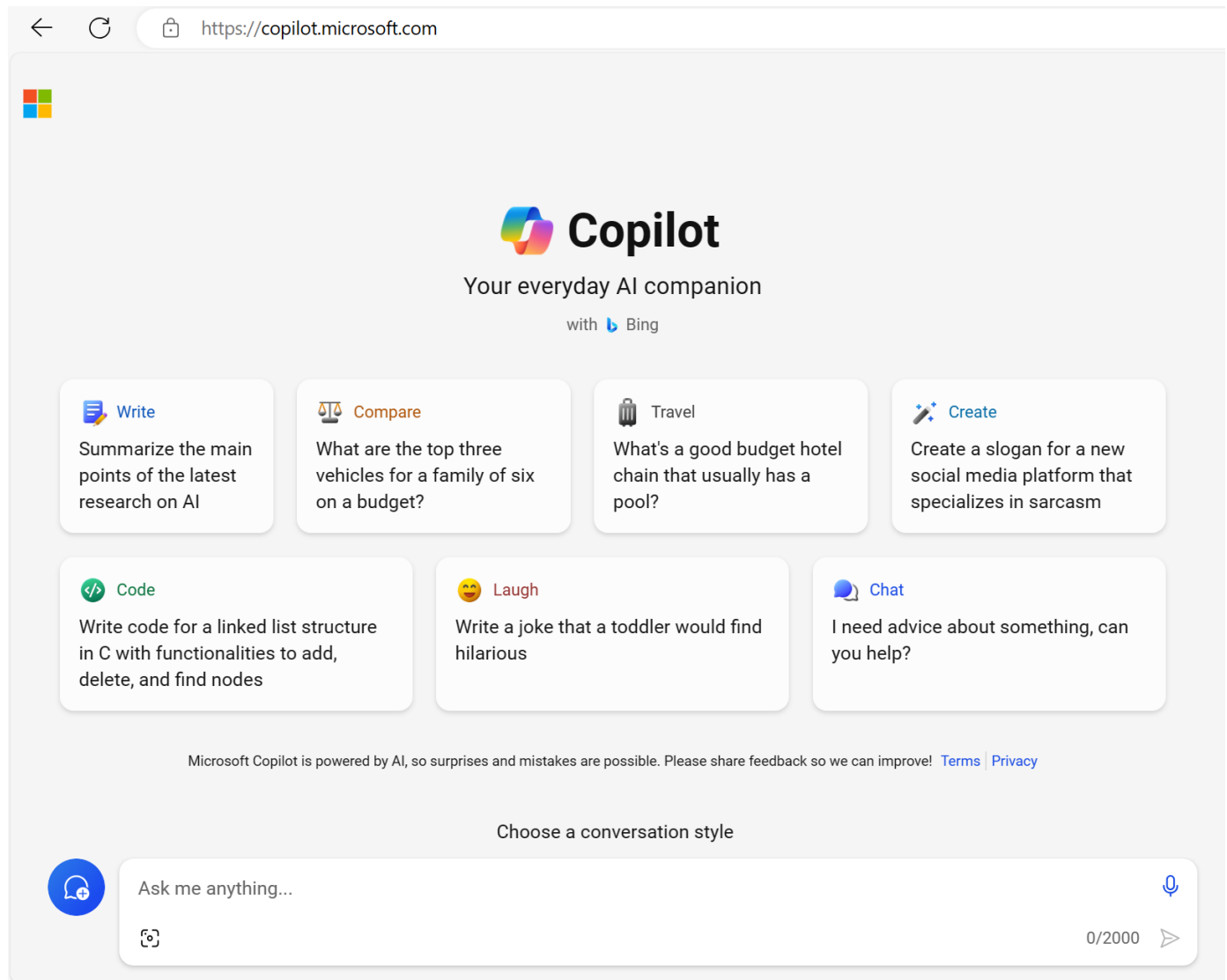
Microsoft Copilot

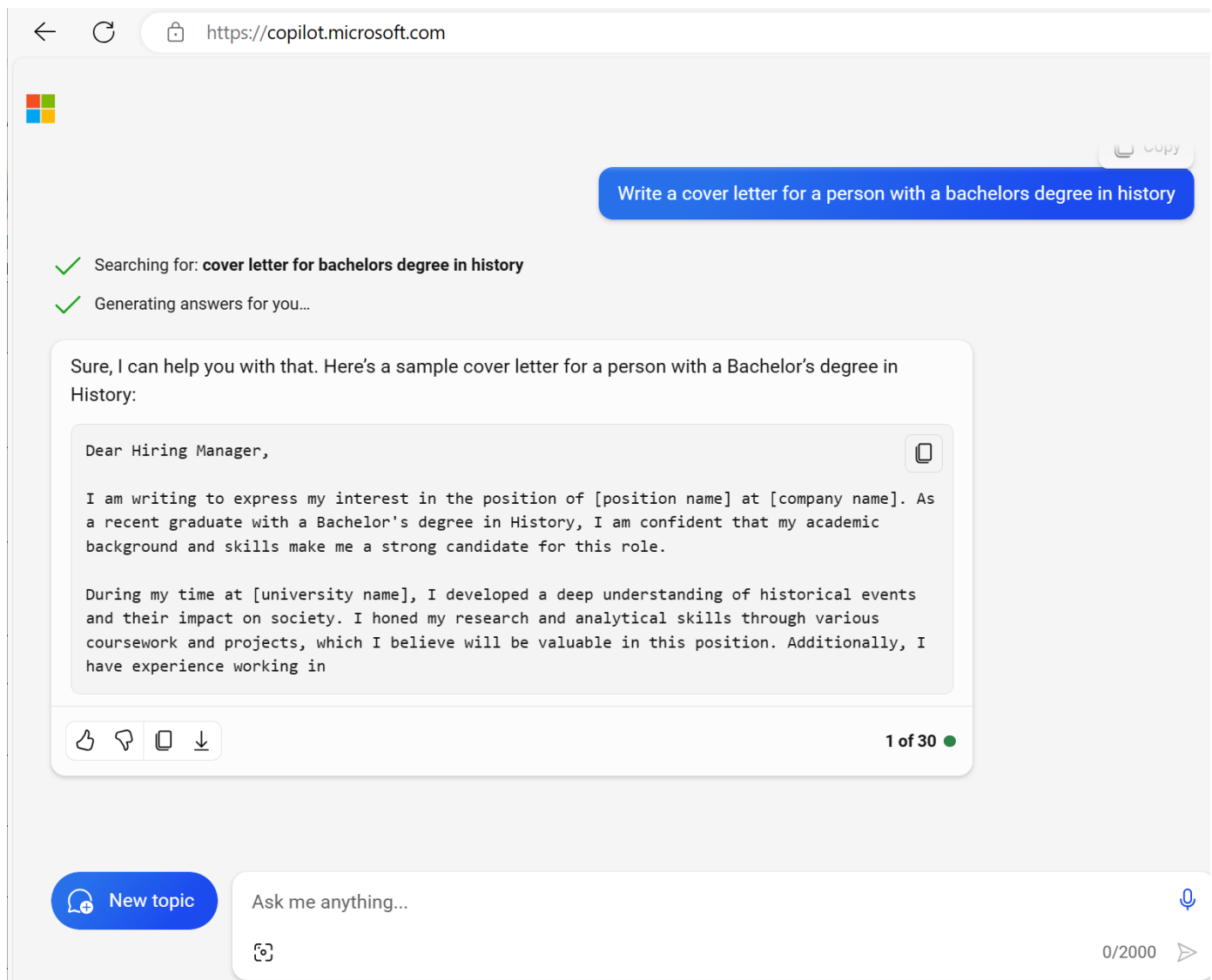
The name `copilot` originates from Microsoft and is used across-industry to describe first and third-party copilots. Microsoft refers to Microsoft Copilot as first-party, and plugins developed by other companies as third-party copilots.

Microsoft Copilot features can be found throughout commonly used applications. The goal of these features is to empower people to be smarter, more productive, more creative, and

connected to the people and things around them.

For example, [Microsoft Copilot](#) can be used with Microsoft Bing search engine to generate natural language answers to questions based on context rather than just search results of indexed pages.





The screenshot shows the Microsoft Copilot web interface in a browser. The address bar displays <https://copilot.microsoft.com>. A blue button at the top right contains the text "Write a cover letter for a person with a bachelors degree in history". Below this, two green checkmarks indicate the status: "Searching for: **cover letter for bachelors degree in history**" and "Generating answers for you...". The main content area shows a response from Copilot: "Sure, I can help you with that. Here's a sample cover letter for a person with a Bachelor's degree in History:". Below this is a text box containing a sample cover letter. The letter is addressed to "Dear Hiring Manager," and includes placeholders for "[position name]" and "[company name]". It states that the writer is a recent graduate with a Bachelor's degree in History and is confident that their academic background and skills make them a strong candidate. It also mentions that during their time at "[university name]", they developed a deep understanding of historical events and their impact on society, honed their research and analytical skills through various coursework and projects, and believe these skills will be valuable in the position. Additionally, they mention having experience working in [university name]. To the right of the text box is a "Copy" icon. Below the text box are four icons: a thumbs up, a thumbs down, a document, and a download. To the right of these icons is the text "1 of 30" with a green dot. At the bottom left is a blue button with a plus icon and the text "New topic". To the right of this button is a text input field with the placeholder "Ask me anything...". To the right of the input field is a microphone icon. At the bottom right is the text "0/2000" and a right arrow icon.

Write a cover letter for a person with a bachelors degree in history

✓ Searching for: **cover letter for bachelors degree in history**

✓ Generating answers for you...

Sure, I can help you with that. Here's a sample cover letter for a person with a Bachelor's degree in History:

Dear Hiring Manager,

I am writing to express my interest in the position of [position name] at [company name]. As a recent graduate with a Bachelor's degree in History, I am confident that my academic background and skills make me a strong candidate for this role.

During my time at [university name], I developed a deep understanding of historical events and their impact on society. I honed my research and analytical skills through various coursework and projects, which I believe will be valuable in this position. Additionally, I have experience working in

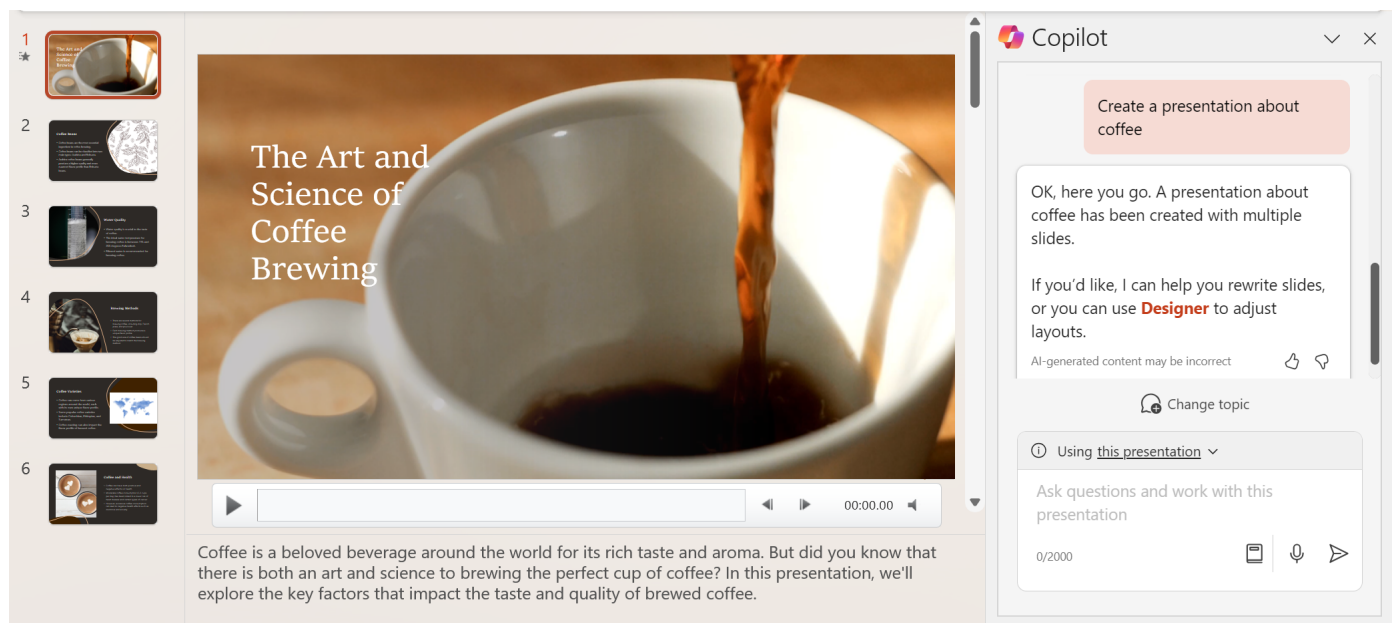
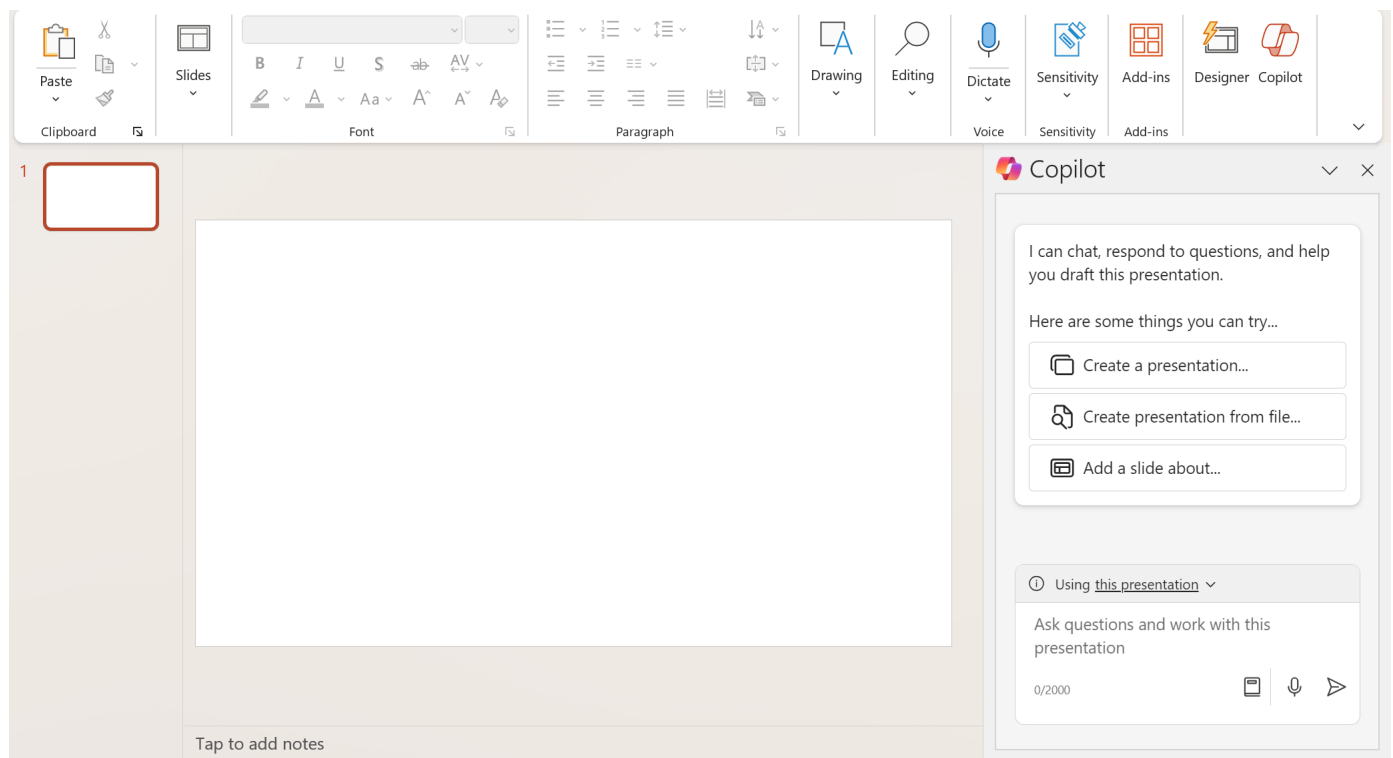
1 of 30

New topic

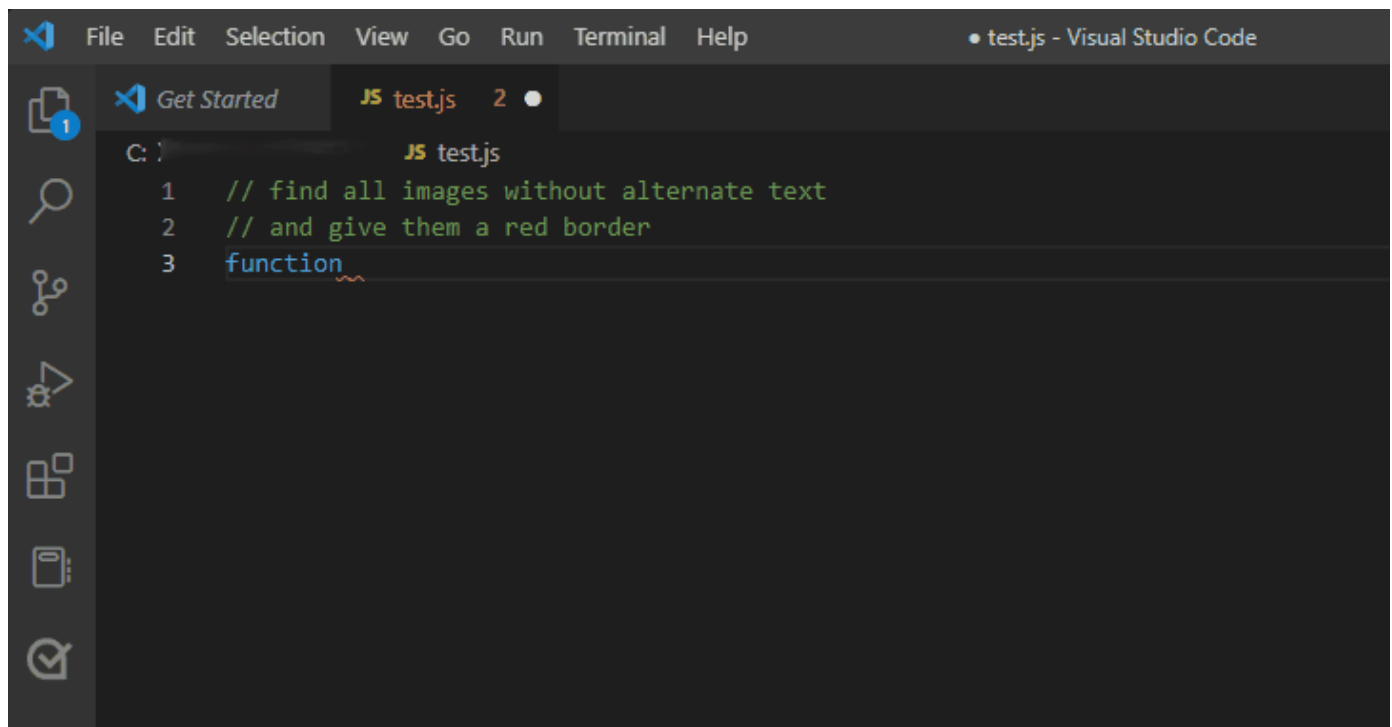
Ask me anything...

0/2000

Another example is Microsoft Copilot for Microsoft 365, which works alongside you in productivity and communication apps such as PowerPoint and Outlook, assisting you in creating effective documents, spreadsheets, presentations, emails, and more.



Yet another example is GitHub Copilot, which provides support to software developers, helping them write, document, and test code.



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File Edit Selection View Go Run Terminal Help • test.js - Visual Studio Code

Get Started JS test.js 2 ●

C: \
1 // find all images without alternate text
2 // and give them a red border
3 function
```

Next unit: Improve generative AI responses with prompt engineering

[Continue >](#)