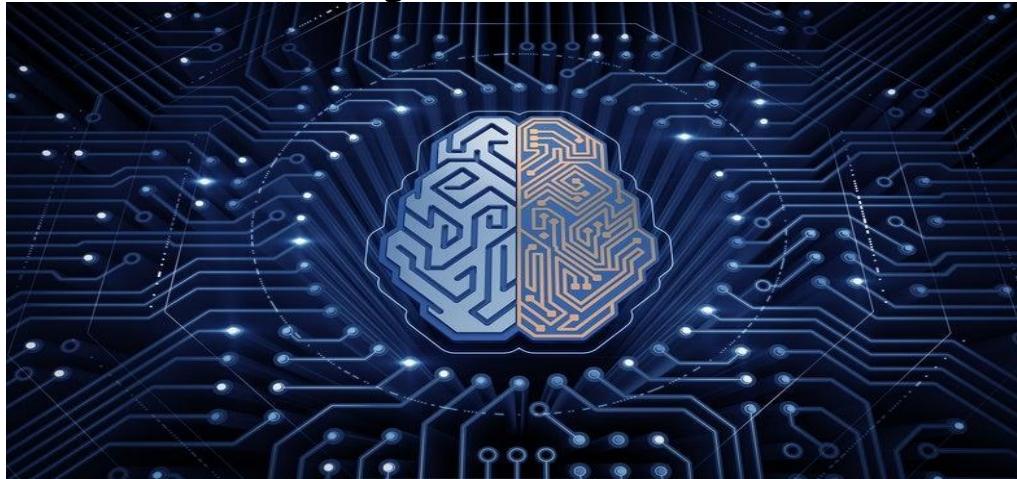


# Examples of Artificial Intelligence systems



**Dr. Eng. Zdzisław Półkowski**

[www.polkowski.edu.pl](http://www.polkowski.edu.pl)  
Tel. kom: +48512084372

# Artificial Intelligence

Artificial intelligence (AI) is intelligence demonstrated by machines, as opposed to the natural intelligence displayed by animals including humans.

Leading AI textbooks define the field as the study of "intelligent agents": any system that perceives its environment and takes actions that maximize its chance of achieving its goals.

Some popular accounts use the term "artificial intelligence" to describe machines that mimic "cognitive" functions that humans associate with the human mind, such as "learning" and "problem solving", however this definition is rejected by major AI researchers.

# Open AI

OpenAI

Research ▾ Product ▾ Developers ▾ Safety Company ▾

Learn about GPT-4

View GPT-4 research

Introducing GPT-4, OpenAI's most advanced system

Source: <https://openai.com/>

# Copy.ai

CopyAI is the world's most advanced AI copywriter that helps brands create highly engaging ad copy.

You'll have access to deep learning capabilities that enable you to truly understand your customers' desires. It will help you with relevant messaging, creative concepts, and more.

You simply describe your product and then it will handle the rest.

No more tedious and painstaking research or laborious copywriting – just great ads!

Break through writer's block and generate more unique ad ideas than ever before.

The logo for Copy.ai, featuring the word "copy" in a dark blue sans-serif font and ".ai" in a teal sans-serif font, with a small teal dot between "copy" and ".ai".

Source: <https://chrome.google.com/webstore/detail/copyai/ndcfkhnilkemeiadipdbbeiagoajcel>

# How it works

## 1. Select a type of copy

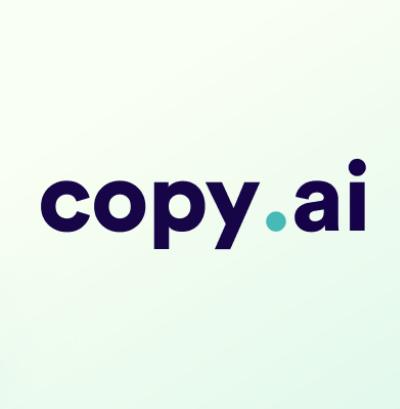
Choose from headlines, blog intros, product descriptions, and much more.

## 2. Describe your product

Just enter the name of your company and 1-2 sentences on what you do.

## 3. Get your results and edit

You'll get 10 results at a time, and you can run the tool again for more ideas.



copy.ai

Source: <https://www.copy.ai/>

# What can you create with CopyAI?

- Digital Ad Copy – Facebook Ads, Google Ads, LinkedIn Ads
- Social Media Content – Captions, Instagram Posts, Brainstorm Topics
- Website Copy – Hero Text, Subheaders, Meta Descriptions
- eCommerce Copy – Product Descriptions, Product Benefits, Microcopy
- Blog Content – Blog Titles, Ideas, Outlines, Blog Intros, Bullet Points to Full Blog
- Sales Copy – Pain-Agitate-Solution, Before-After-Bridge, Attention-Interest-Desire-Action

The logo for copy.ai, featuring the word "copy" in a bold, dark blue sans-serif font, followed by ".ai" in a smaller, teal dot font.

# How it looks

Blog Intro

Create Copy Saved (0)

Supercharge beta 

What is your blog title? Optional

Amazing Travels

 Close

What is the blog about? 

different experience during traveling, describing various cuisine

66/1000

Choose a tone Enter a custom tone or choose a preset tone

 Adventurous

Create Copy

Source: <https://www.copy.ai/>

# How it looks

Traveling is one of the best experiences in life, experiencing various cultures and tasting new food. Life is an amazing adventure, it is full with ups and downs. And the best thing about this adventure is traveling different places like one food truck to another, one hotel to another and experience a lot which could not be experienced from your home country.

 Copy

 Save

 More Like This

 Remove

62 words / 361 chars

---

Traveling is great experience especially if you get to find different places and experiment the cuisine. Even though traveling has become easy with the existence of cheap option of air travel or bus rides, it is still important to secure your safety during travelling as there are a lot of odd characters out there. It's always good to be aware before taking a trip to new destinations.

 Copy

 Save

 More Like This

 Remove

67 words / 386 chars

# Hotpot.ai

Hotpot makes graphic design and image editing easier.

With AI tools, experts and non-designers can automate tedious tasks.

With drag-n-drop software and attractive templates, anyone can create device mockups, social media posts, marketing images, app icons, and other work graphics.



# Usefull AI Tools

- ❑ Colorize black and white photos
- ❑ Turn text to art.
- ❑ Remove backgrounds
- ❑ Outsource writing tasks
- ❑ Restore old pictures
- ❑ Personalize art.
- ❑ Enlarge pictures and graphics
- ❑ Translate apps, files, videos
- ❑ Get color help

# How it works?

## AI Art Maker



Text

Text + Image

Hey, guys! We've gotten a lot of requests for this information

Ask AI for ideas

Style

Painting

Examples

Substyle

Van Gogh

Resolution

256x256

Creation Time

Normal

Make Private?

No

Create

Required credits

0

Available credits

0

Buy credits

Source: <https://hotpot.ai/>

# Example results

From few characters and given characteristics service generated painting.

Used text was: “Hey, guys! We've gotten a lot of requests for this information” in style of Van Gogh.



# Symptomate

Hotpot makes graphic design and image editing easier.

With AI tools, experts and non-designers can automate tedious tasks.

With drag-n-drop software and attractive templates, anyone can create device mockups, social media posts, marketing images, app icons, and other work graphics.

Symptomate can help to collect patient data, give health advice, triage your patients, or support medical staff.



# Symptomate

## Benefits

- Minimize over and under-triage
- Prevent unnecessary visits
- Treat through teleconsultations
- Connect to a provider

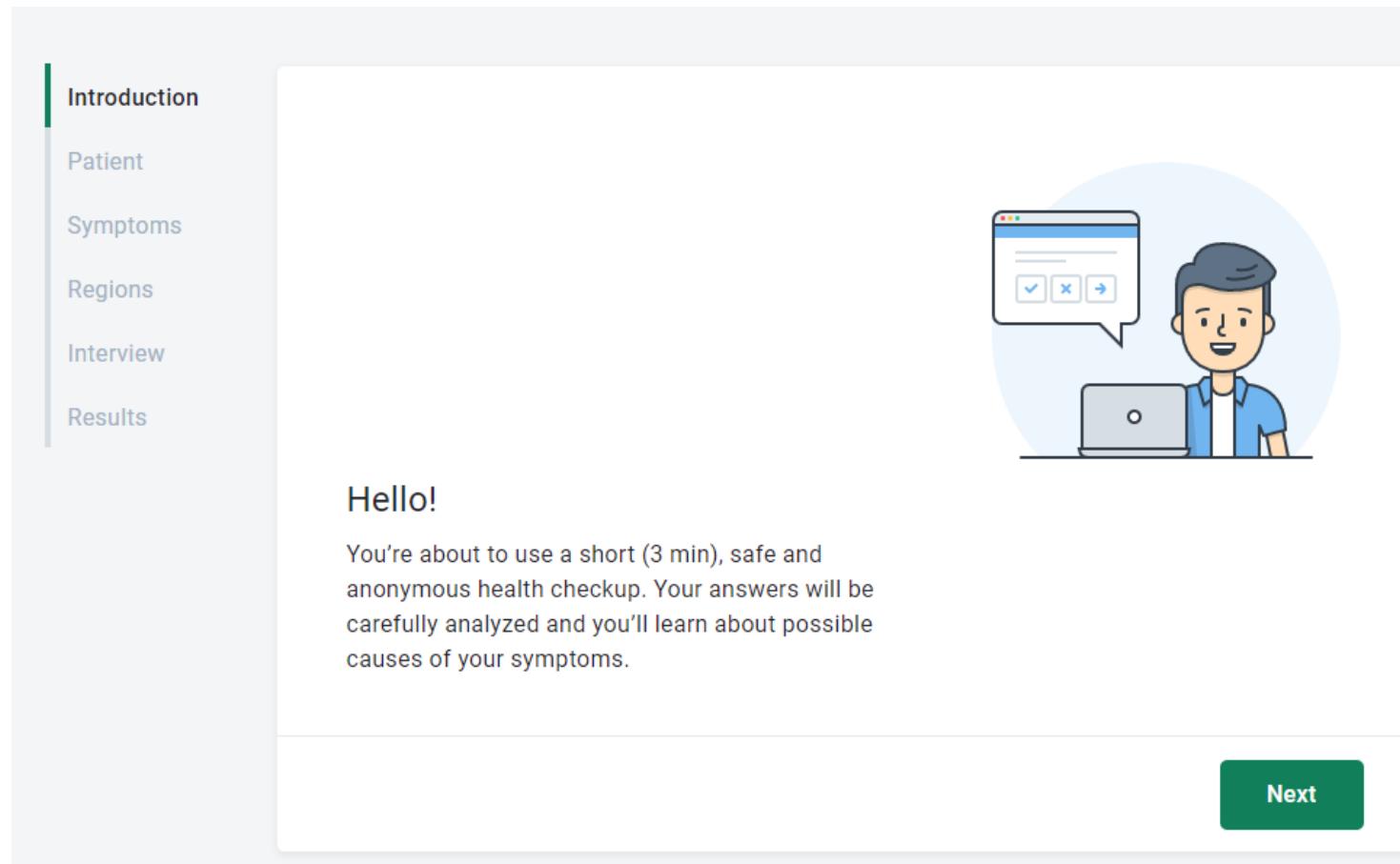
## Use cases

- Triage and patient orientation
- Intake collection
- Clinical decision support
- Marketing

Source: [https://infermedica.com/product/symptom-checker?utm\\_source=symptomate.com&utm\\_medium=referral&utm\\_campaign=side-menu&utm\\_term=symptom-checker](https://infermedica.com/product/symptom-checker?utm_source=symptomate.com&utm_medium=referral&utm_campaign=side-menu&utm_term=symptom-checker)

# Symptomate

## Symptoms analyze interface:



Introduction

Patient

Symptoms

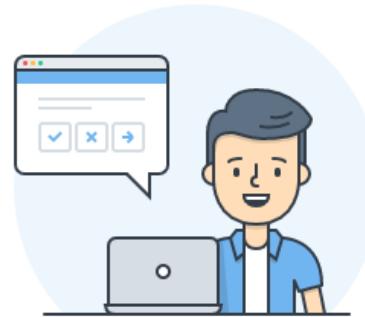
Regions

Interview

Results

Hello!

You're about to use a short (3 min), safe and anonymous health checkup. Your answers will be carefully analyzed and you'll learn about possible causes of your symptoms.



Next

Source: <https://symptomate.com/diagnosis/0>

# Symptomate

## Symptoms analyze interface:

Introduction

Patient

Symptoms

Regions

Interview

Results

Please check all the statements below that apply to you

Select one answer in each row

I'm overweight or obese  Yes  No  Don't know

I have hypertension  Yes  No  Don't know

I smoke cigarettes  Yes  No  Don't know

I've recently suffered an injury  Yes  No  Don't know

I'm pregnant  Yes  No  Don't know

[Back](#) [Next](#)

# Symptomate

## Symptoms analyze interface:

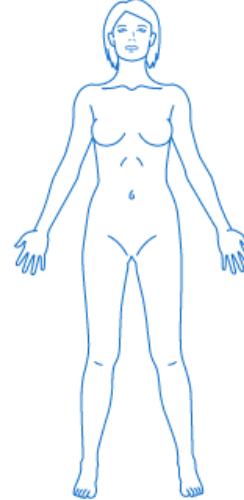
- Introduction
- Patient
- Symptoms
- Regions
- Interview
- Results

### Add your symptoms

Add as many symptoms as you can for the most accurate results.



Please try to add more than one symptom.



 Rotate model

 Back Next

Source: <https://symptomate.com/diagnosis/0>

# Healthily

Healthily brings medical knowledge out of the clinic and into everyday life, using a combination of advanced AI and user-friendly design.

Globally trusted, individually focused, simple to use and free - Healthily helps you take control of your health, wherever you are.

Just as previously mentioned Symptomate, this service checks your symptoms for premedical analys and specific medical help recommendation.



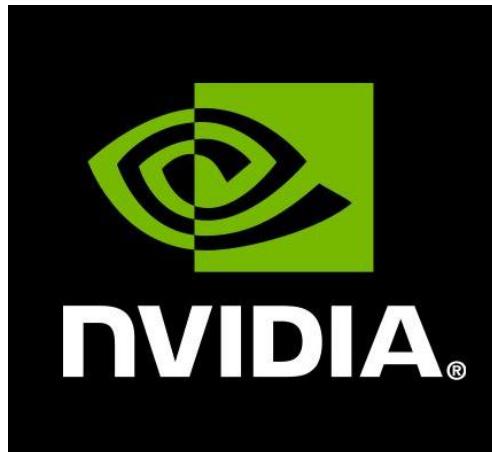
Source: <https://www.livehealthily.com/>

# NVIDIA GauGAN2

GauGAN2, named after post-Impressionist painter Paul Gauguin, creates photorealistic images from sketches.

Artists can use text, a paintbrush and paint bucket tools, or both methods to design their own landscapes. A style transfer algorithm allows creators to apply filters — changing a daytime scene to sunset, or a photorealistic image to a painting.

Users can even upload their own filters to layer onto their masterpieces, or upload custom segmentation maps and landscape images as a foundation for their artwork



Source: <https://www.nvidia.com/en-us/research/ai-demos/>

# NVIDIA GauGAN2

## Benefits:

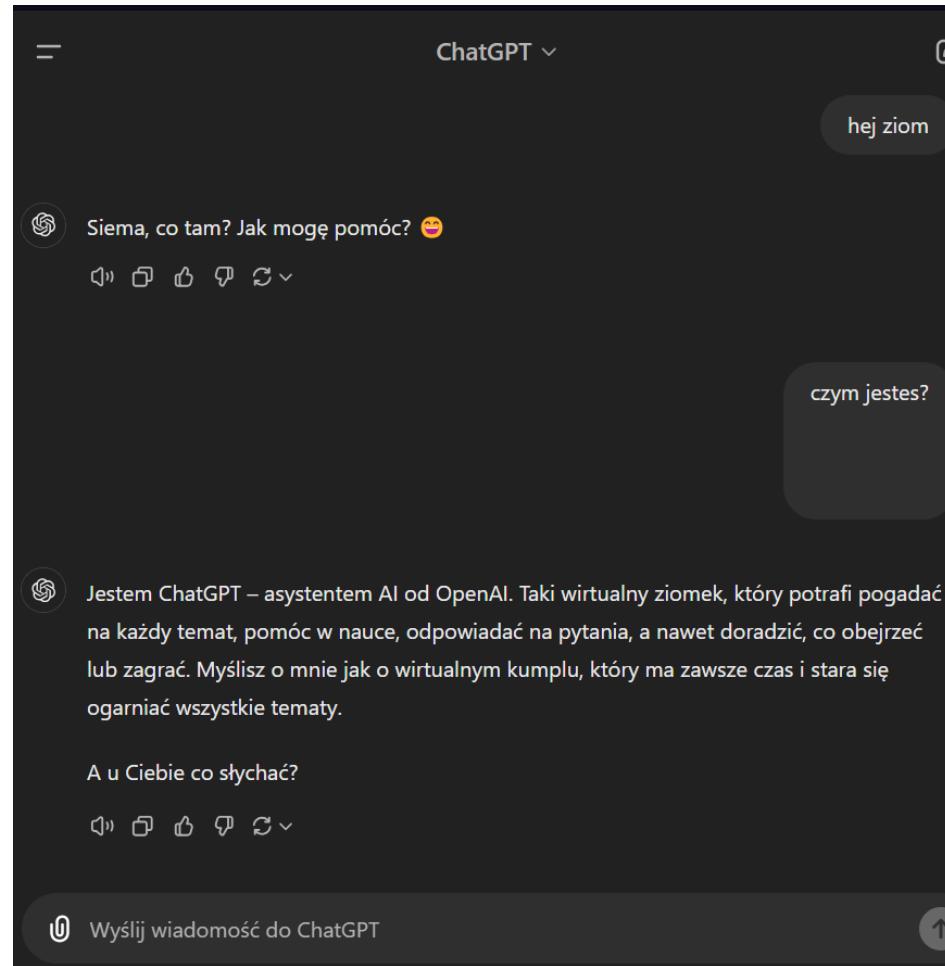
- Encourage creativity
- Low effort
- Photorealistic results
- Advanced filters and options

Service is available to try out at <http://gaugan.org/gaugan2/>

# CHAT GPT

ChatGPT is an AI language model created by OpenAI that enables natural conversations, answers questions, helps with learning and content creation. It uses text analysis to generate consistent and contextual answers.

# CHAT GPT

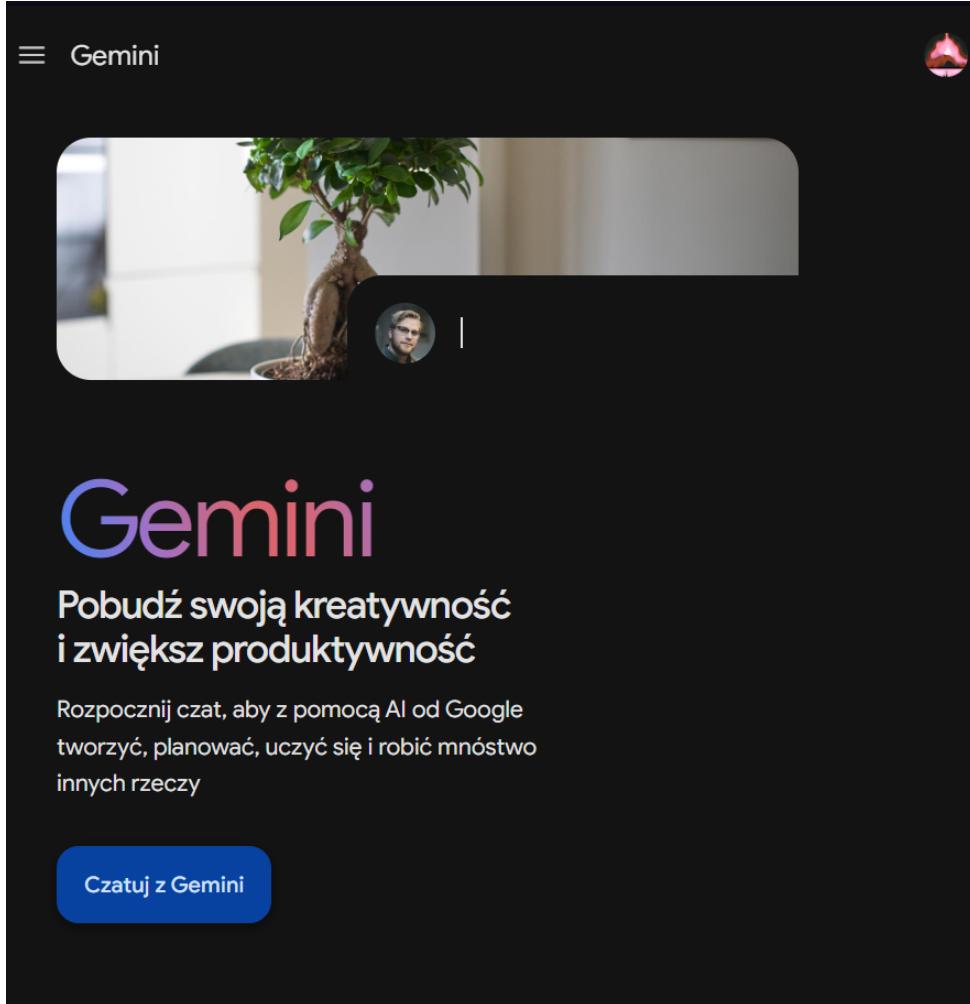


Source: <https://chatgpt.com/g-gFt1ghYJl-logo-creator>

# GEMINI

Gemini is an AI model from Google DeepMind that combines advanced language processing with data analysis. It supports users in problem solving and text generation, offering

# GEMINI



The image shows a screenshot of the Gemini AI interface. At the top, there is a dark header with the word "Gemini" in white. Below the header is a dark main area. In the top right corner of this area is a small circular icon with a stylized orange and red design. In the top left corner, there is a white three-dot menu icon followed by the word "Gemini". Below these, there is a large, semi-transparent image of a potted plant with green leaves and a textured trunk. Overlaid on this image is a dark rounded rectangle containing a small circular profile picture of a man with glasses and a beard. To the right of this profile picture is a vertical white line. Below this section, the word "Gemini" is written in a large, bold, blue and pink gradient font. Underneath the title, there is a white text block that reads: "Pobudź swoją kreatywność i zwiększ produktywność". Below this text block, there is another white text block that reads: "Rozpocznij czat, aby z pomocą AI od Google tworzyć, planować, uczyć się i robić mnóstwo innych rzeczy". At the bottom of the interface, there is a blue button with white text that says "Czatuj z Gemini".

Source: <https://gemini.google.com/?hl=pl>

# PAPERPAL

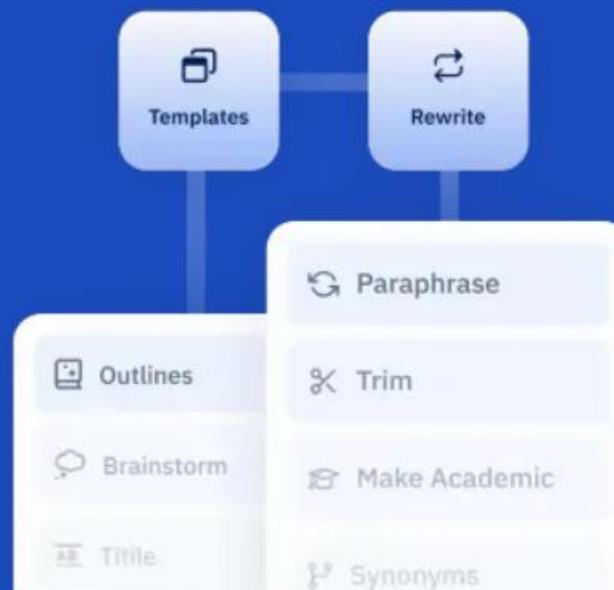
Paperpal is an AI tool that supports researchers in writing and publishing articles. It automatically analyzes text, suggests corrections and helps create bibliographies, increasing the efficiency of research work.

# PAPERPAL

## AI Writing

Brainstorm ideas, get outlines and titles, create abstracts, summaries, study highlights, or craft powerful emails to journals with a click.

Try Now for FREE



Source: <https://paperpal.com>

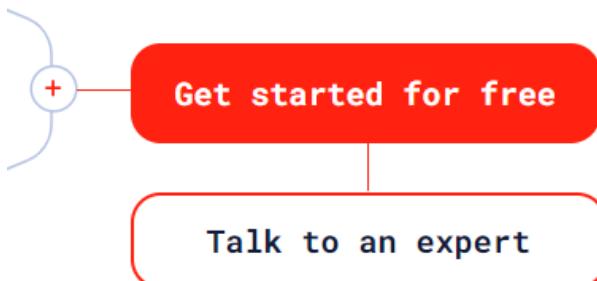
# TABNINE

Tabnine is an AI tool for supporting programmers that generates code suggestions in real time. It works in various code editors, such as Visual Studio Code, and is based on machine learning models.

## //The AI code assistant tailored to your team//

{✓} Private. {👤} Personalized. {🔒} Protected.

Tabnine's AI code assistant helps you ship higher quality software faster with AI tools for code generation, testing, and code review custom-fit to each engineering team.



# Midjourney

MidJourney is probably the most advanced generative AI app that generates images from text phrases. MidJourney is unusual in terms of platform usage, as it works through the popular communication app Discord.

# Midjourney



Source: <https://campusai.pl>

# Duolingo

Duolingo is a popular language learning app that uses artificial intelligence to personalize learning. It offers courses in over 30 languages, adjusting the level of difficulty to the user.

# Duolingo

The image shows the Duolingo mobile application interface. On the left, a vertical sidebar titled "duolingo" contains the following menu items:

- UCZ SIĘ (highlighted in blue)
- MISJE
- SKLEP
- PROFIL
- WIĘCEJ

The main content area is divided into two sections:

**Sekcja 1**  
Zamów coś do jedzenia albo do picia, opowiedz coś o swoim domu

**PRZEWODNIK**

**START** button (with a star icon)

Icons for a lock, a briefcase, a book, and a trophy.

**Dzienne Misje** [ZOBACZ WSZYSTKIE](#)

Zdobądź 10 pkt

10 / 10

**Sekcja 2**  
Przedstaw się i powiedz jak się czujesz

**PRZEWODNIK**

**PRZESKOCZYĆ TUTAJ** button (with a play icon)

Icons for a lock and a briefcase.

A green owl character is visible in the center of the screen.

Source: <https://www.duolingo.com>

# Quizlet

Quizlet is a great free tool for students and teachers. It has study modes, exercises, AI-powered study tools, and step-by-step solutions to textbook questions and exercises.

# Quizlet

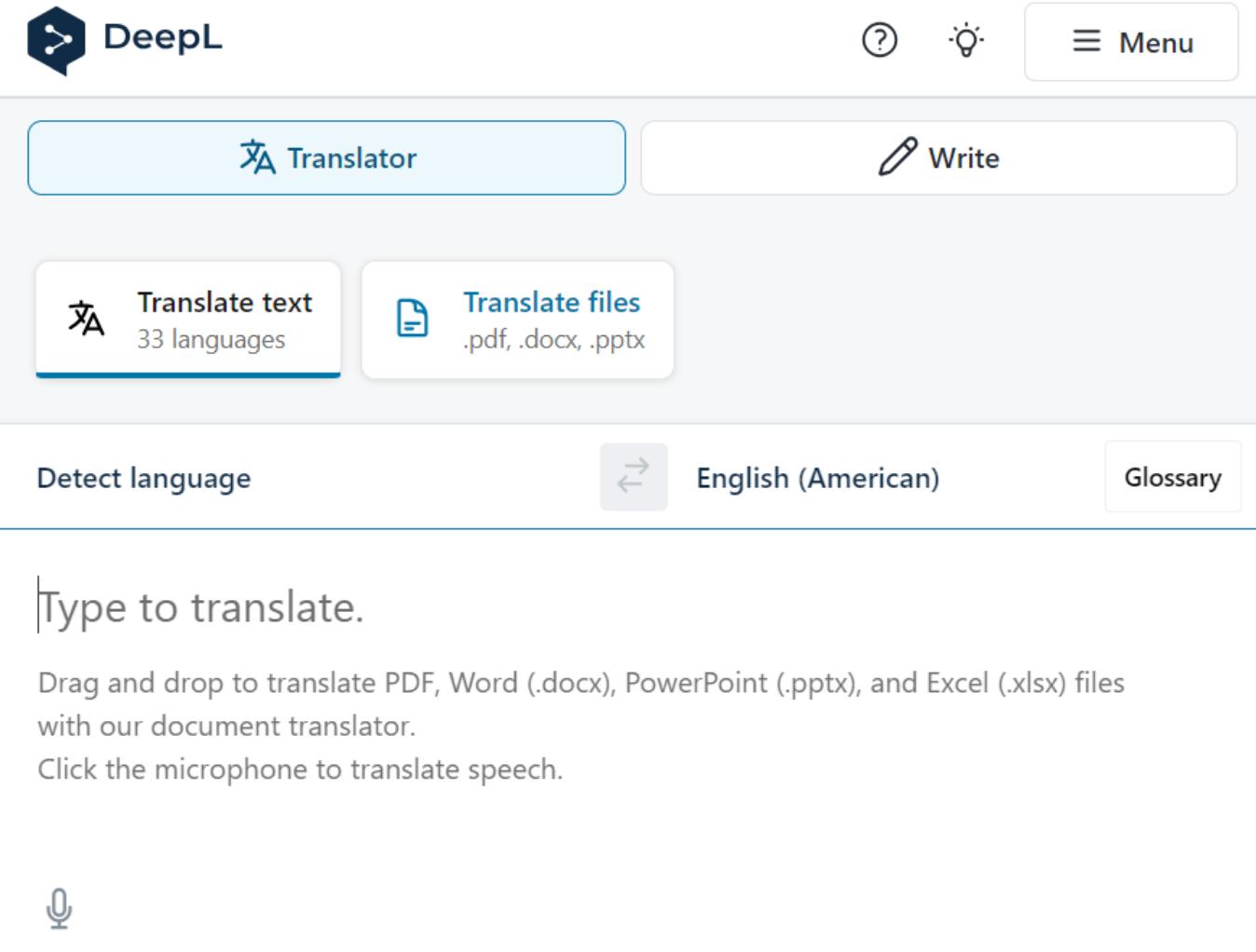


Source: <https://quizlet.com/pl>

# DeepL

Fast, accurate, and secure translations. Translate as much as you want, with no limits on translation size or character count.

# DeepL



The image shows the DeepL Translator interface. At the top, there is a dark blue header with the DeepL logo and a navigation bar with a question mark icon, a lightbulb icon, and a 'Menu' button. Below the header, there are two main buttons: 'Translator' (highlighted with a blue border) and 'Write'. Underneath these are two sub-options: 'Translate text' (33 languages) and 'Translate files' (.pdf, .docx, .pptx). Below the sub-options, there are buttons for 'Detect language', a bidirectional arrow icon, 'English (American)', and 'Glossary'. The main input area is a large text box with the placeholder 'Type to translate.' and instructions: 'Drag and drop to translate PDF, Word (.docx), PowerPoint (.pptx), and Excel (.xlsx) files with our document translator.' and 'Click the microphone to translate speech.' A microphone icon is located at the bottom left of the input area.

DeepL

Translator

Write

Translate text  
33 languages

Translate files  
.pdf, .docx, .pptx

Detect language

English (American)

Glossary

Type to translate.

Drag and drop to translate PDF, Word (.docx), PowerPoint (.pptx), and Excel (.xlsx) files with our document translator.

Click the microphone to translate speech.

Microphone icon

# Busuu

Learn a language in 10 minutes a day Set achievable goals. Get advice from native speakers. Make noticeable progress. Open up a world of possibilities by learning a language.

# Busuu

busuu

Spanish flag icon

2276 notifications

7 messages

1 email

2 notifications

Początkujący A1 Początkujący A2 Średnio zaawansowany B1 Średnio zaawansowany B2 Kurs podróżniczy

Lekcja 4: Jak wyglądasz?  
Opisywanie różnych typów ludzi 94%

Powtórka  
Szybka powtórka przerobionych lekcji 1 – 4. 100%

Lekcja 5: Praca zawodowa  
Opisywanie ludzi i ich zawodów 100%

Lekcja 6: Skąd jesteś?  
Rozmawianie o tym, skąd jesteś i udzielanie informacji o językach, którymi się posługujesz przy użyciu czasowników regularnych 100%

Lekcja 7: Moja rodzina  
Rozmawianie o rodzinie z zastosowaniem przyimotników dzierżawczych 88%

Lekcje

Poćwicz

Słownictwo

Nie wiesz, co zrobić? Zajrzyj do naszego przewodnika

Source: <https://www.busuu.com/p>

# Copilot AI

Use Microsoft Copilot on your Windows devices with the Copilot app! Copilot helps you get answers and inspiration from across the web, supports creativity and collaboration, and helps you stay focused on the task at hand.

# Copilot AI

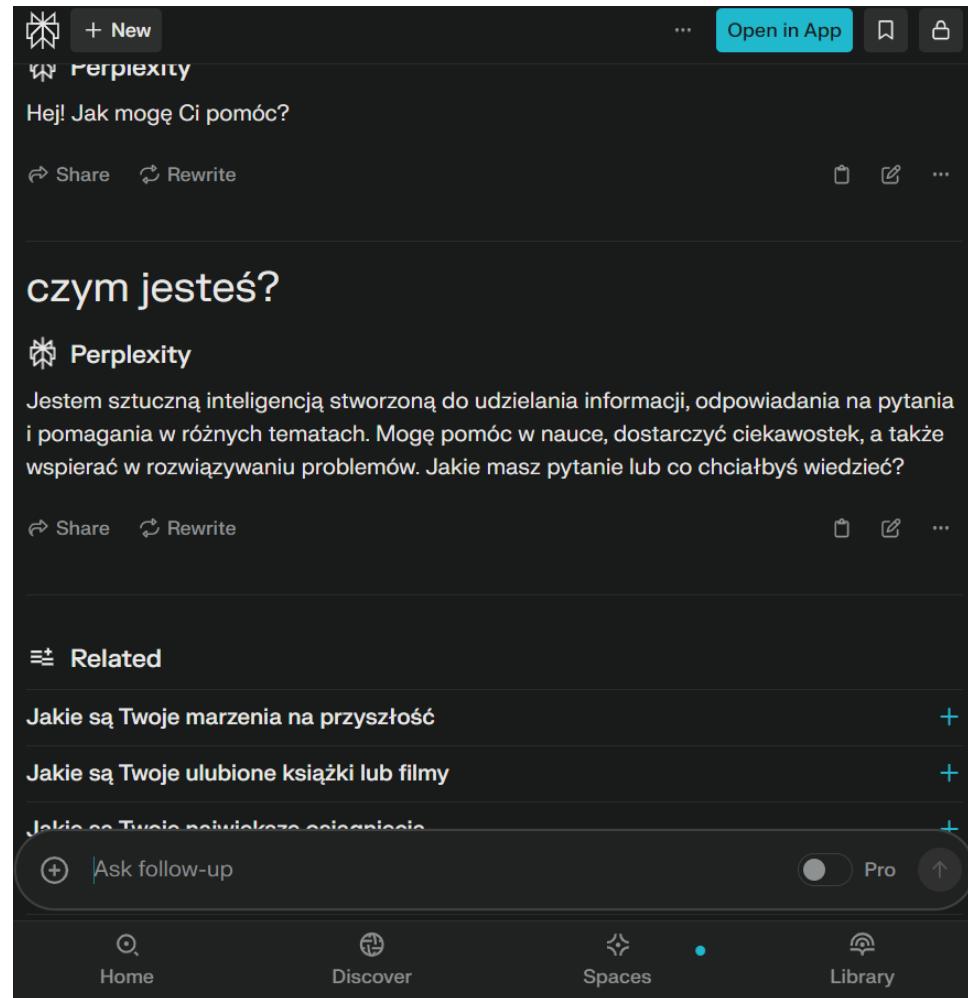


Source: <https://copilot.microsoft.com>

# Perplexity AI

Perplexity is a free AI search engine designed to revolutionize the way you discover information. Ask any question, and it searches the internet to give you an accessible, conversational, and verifiable answer

# Perplexity AI

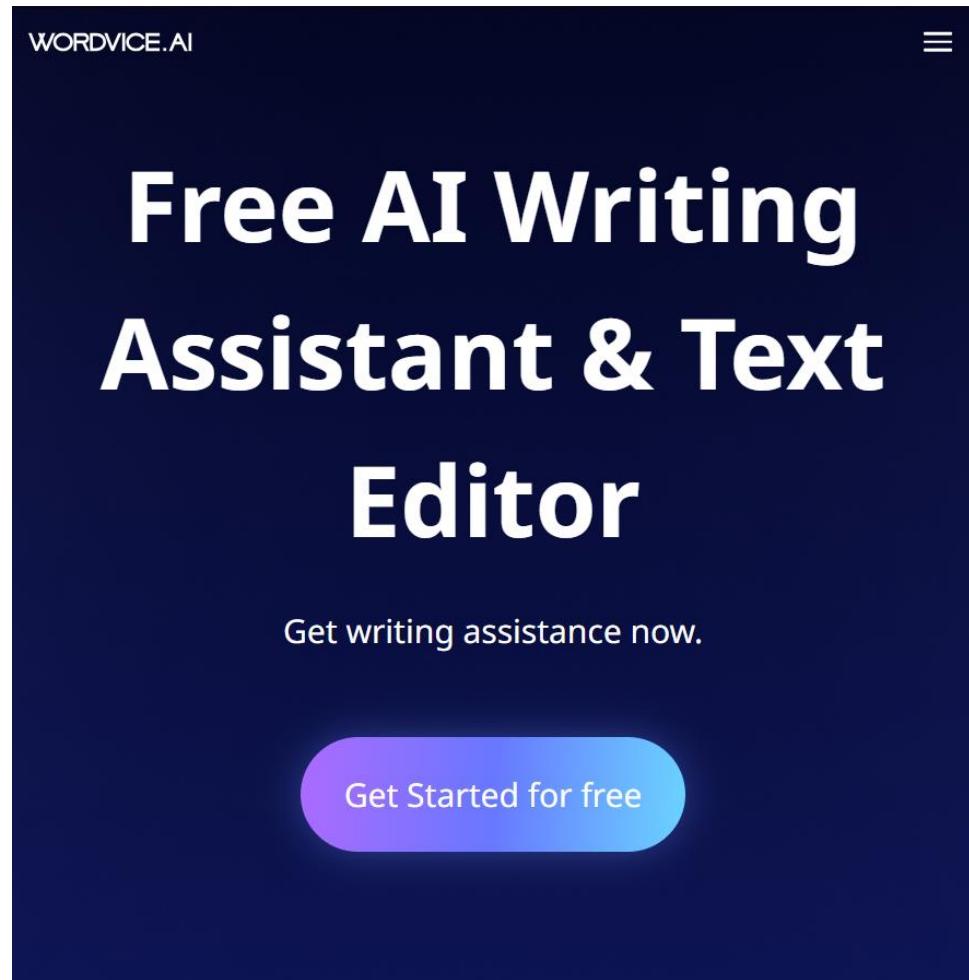


The screenshot shows the Perplexity AI interface. At the top, there is a navigation bar with a logo, a '+ New' button, and an 'Open in App' button. The main area displays a conversation with the AI. The AI asks, 'Hej! Jak mogę Ci pomóc?'. Below this, a user asks, 'czym jesteś?'. The AI responds, 'Jestem sztuczną inteligencją stworzoną do udzielania informacji, odpowiadania na pytania i pomagania w różnych tematach. Mogę pomóc w nauce, dostarczyć ciekawostek, a także wspierać w rozwiązywaniu problemów. Jakie masz pytanie lub co chciałbyś wiedzieć?'. A 'Related' section follows, listing three questions: 'Jakie są Twoje marzenia na przyszłość', 'Jakie są Twoje ulubione książki lub filmy', and 'Jakie jest Twoje największe osiągnięcie'. At the bottom, there is an 'Ask follow-up' button and a 'Pro' toggle switch. The bottom navigation bar includes 'Home', 'Discover', 'Spaces', and 'Library' buttons.

Source: <https://www.perplexity.ai/onboarding>

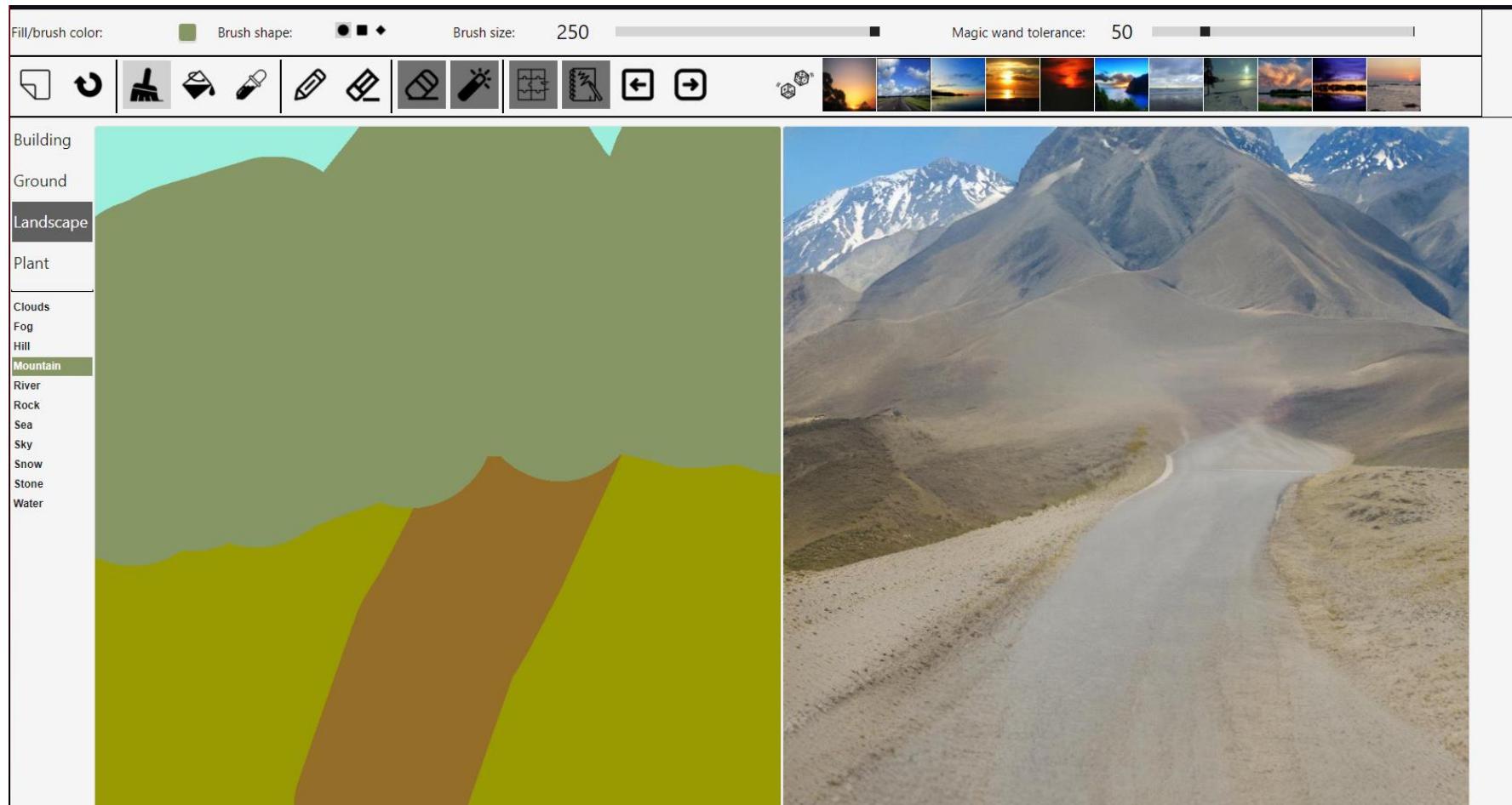
# Worvice.ai

Worvice.ai is a platform that leverages artificial intelligence to enhance workplace productivity and collaboration. It often focuses on automating repetitive tasks, improving communication among teams, and providing insights through data analysis. Companies might use it to streamline workflows, manage projects, or improve employee engagement.



# NVIDIA GauGAN2

## Example:



Source: <http://gaugan.org/gaugan2/>

# Dog breed Selector

Service that helps you choose a dog that would be best suitable for you according to your preferences e.g shedding, compatibility.

After filling in an short form, you're get to know more about your perfect match.



Choosing a dog can be exciting and nerve-wracking at the same time. After all, you're committing to care for a living, breathing being who will depend on you his entire life! When choosing a new dog, so many questions run through your mind: "What kind of dog should I get?" "What's the best dog breed for me?" "Will he be a good fit with my family?"

The first step to being a responsible dog owner begins before you even bring home a dog. Thoughtfully and seriously assess your needs before making a decision, and you'll live long, happy lives together. Using our Dog Breed Selector, just answer a series of questions, and we'll find the right breed of dog for you.

[GET STARTED](#)

# Dog breed Selector

## Why it is worth trying?

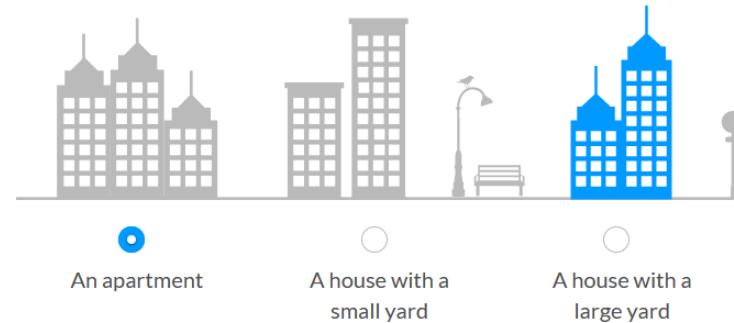
- being responsible dog owner
- aid in choosing breed
- easy match in few seconds

What is your experience with dogs?



CONTINUE

What is your home like?



CONTINUE

# Dog breed Selector

Example result screen:

## Your Results



Based on what you told us, you:

- Currently own a dog
- Have a lot of time to train your dog
- Live in a house with a small yard
- Don't have kids under 10
- Have a medium tolerance for barking
- Have a high tolerance for shedding

Your Match

**German Shorthaired Pointer**

*Friendly, Smart, Willing to Please*

The versatile, medium-sized German Shorthaired Pointer is an enthusiastic gundog of all trades who thrives on vigorous exercise, positive training, and a lot of love. GSP people call their aristocratic companions the "perfect pointer."

[FIND PUPPIES](#) [LEARN MORE](#)

Source: <https://www.akc.org/dog-breed-selector/>

# This symptom checker

https://symptoms.webmd.com

67% 

CHECK YOUR SYMPTOMS FIND A DOCTOR FIND A DENTIST

SIGN IN SUBSCRIBE

WebMD

HEALTH A-Z DRUGS & SUPPLEMENTS LIVING HEALTHY FAMILY & PREGNANCY NEWS & EXPERTS

SEARCH 

INFO SYMPTOMS QUESTIONS CONDITIONS DETAILS TREATMENT

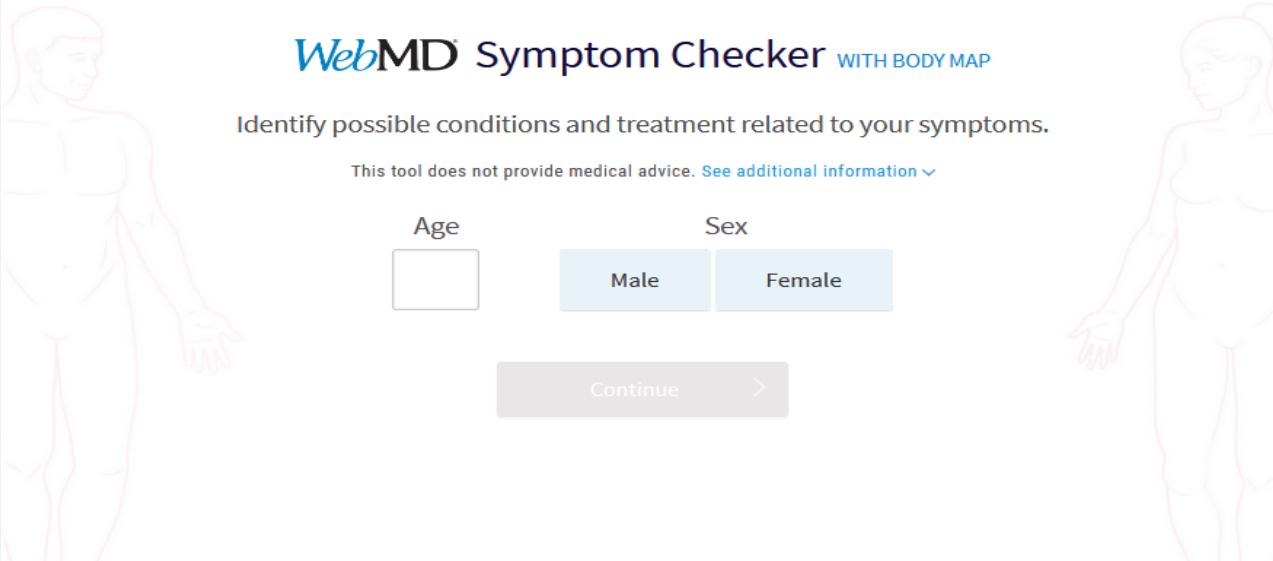
**WebMD Symptom Checker** WITH BODY MAP

Identify possible conditions and treatment related to your symptoms.

This tool does not provide medical advice. [See additional information](#)

Age  Sex   
 Male  Female

Continue >



Source: <https://symptoms.webmd.com/>

# The Eat This Much

Ready to give it a shot? Let us know your diet.

 Anything

 Paleo

 Vegetarian

 Vegan

 Ketogenic

 Mediterranean

I want to eat  Calories  

in  

 Generate

## Build Your Unique Brand

The first step in establishing your brand is to create a unique name, logo, colours, and description that reflects your vision and values. You have the option to create multiple brands, each tailored to your specific needs and target audience.

**Build Your Unique Brand**  
**Upload your brand logos  
and brand colours**



funkymedia.ai



# Useful Artificial Intelligence Tools

<b>Text</b>	 ChatGPT	 Writesonic	 Rytr
<b>Design</b>	 Adobe Firefly	 Midjourney	 Leonardo.AI
<b>Video</b>	 descript	 2short.AI	 PICTURE
<b>Content</b>	 synthesia	 Tweet Hunter	 Taplio
<b>Productivity</b>	 Perplexity	 Eightify	 grammarly
<b>Business</b>	 Rationale	 taskade	 Mixo
<b>Presentations</b>	 Gamma	 tome	 SlidesAI
<b>Research</b>	 consensus	 ChatPDF	 Supertools

**Thank you for your  
attention**