Video Generators

Nicola Cortesi

NETWORKING SKILL
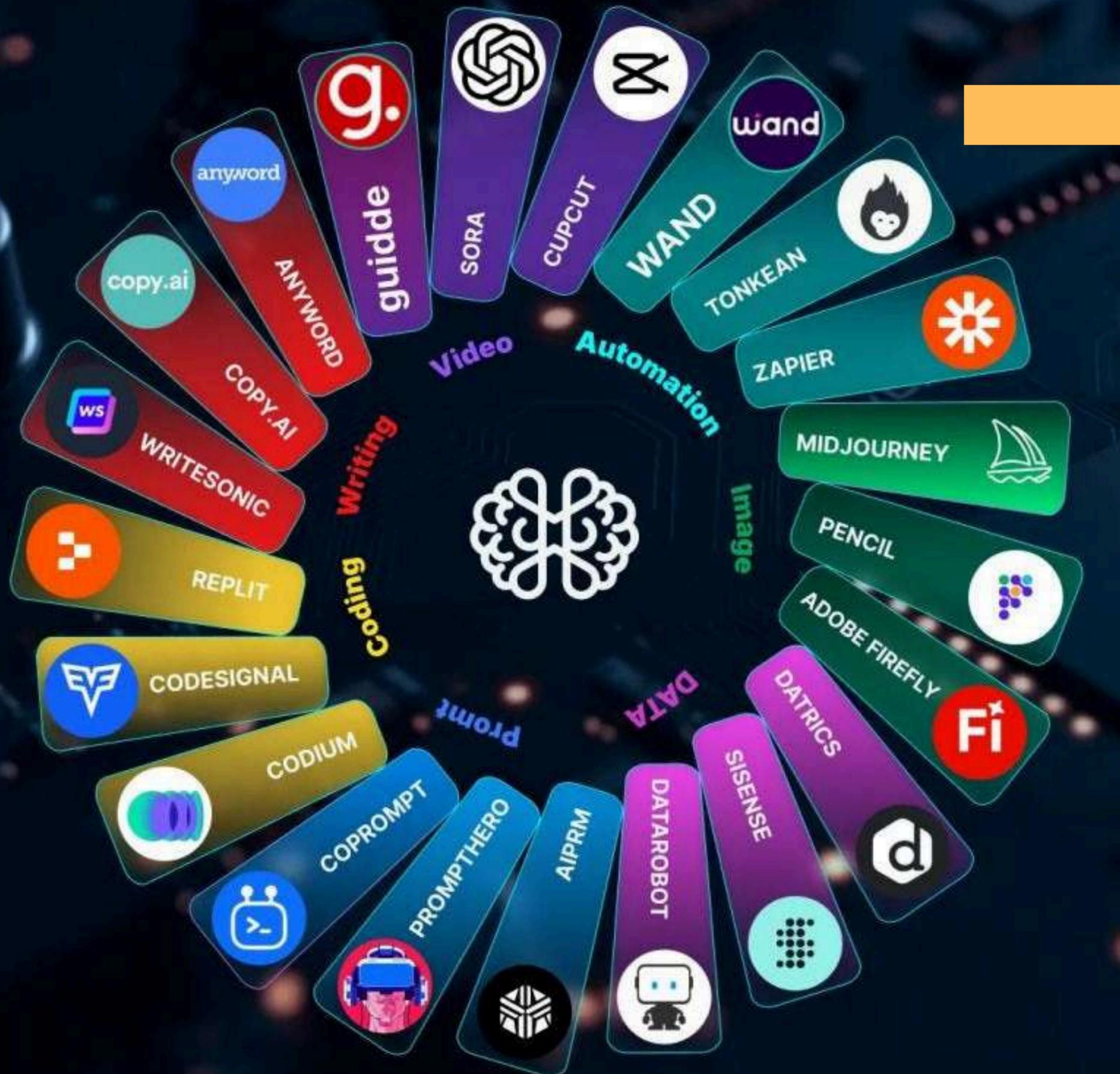
The only skills left you can offer to the job market are your humanity and your creativity

SECOND SKILL

Learn to question everything: this is truly the Age of Illusions. Everything is fake.

THIRD SKILL

Learn the new powerful AI tools. Say goodbye to manuals and documentation. Now tools are easy to use but they change very fast

SPEAKER: This ocean, it's a force, a wild, untamed might.

Best tools for text2video:

- Veo3 (Google): https://www.youtube.com/watch?v=mCFMn0UkRt0
- Sora2 (OpenAI): https://openai.com/index/sora-2/
- Genie3 (Google): https://deepmind.google/discover/blog/genie-3-a-new-frontier-for-world-models/
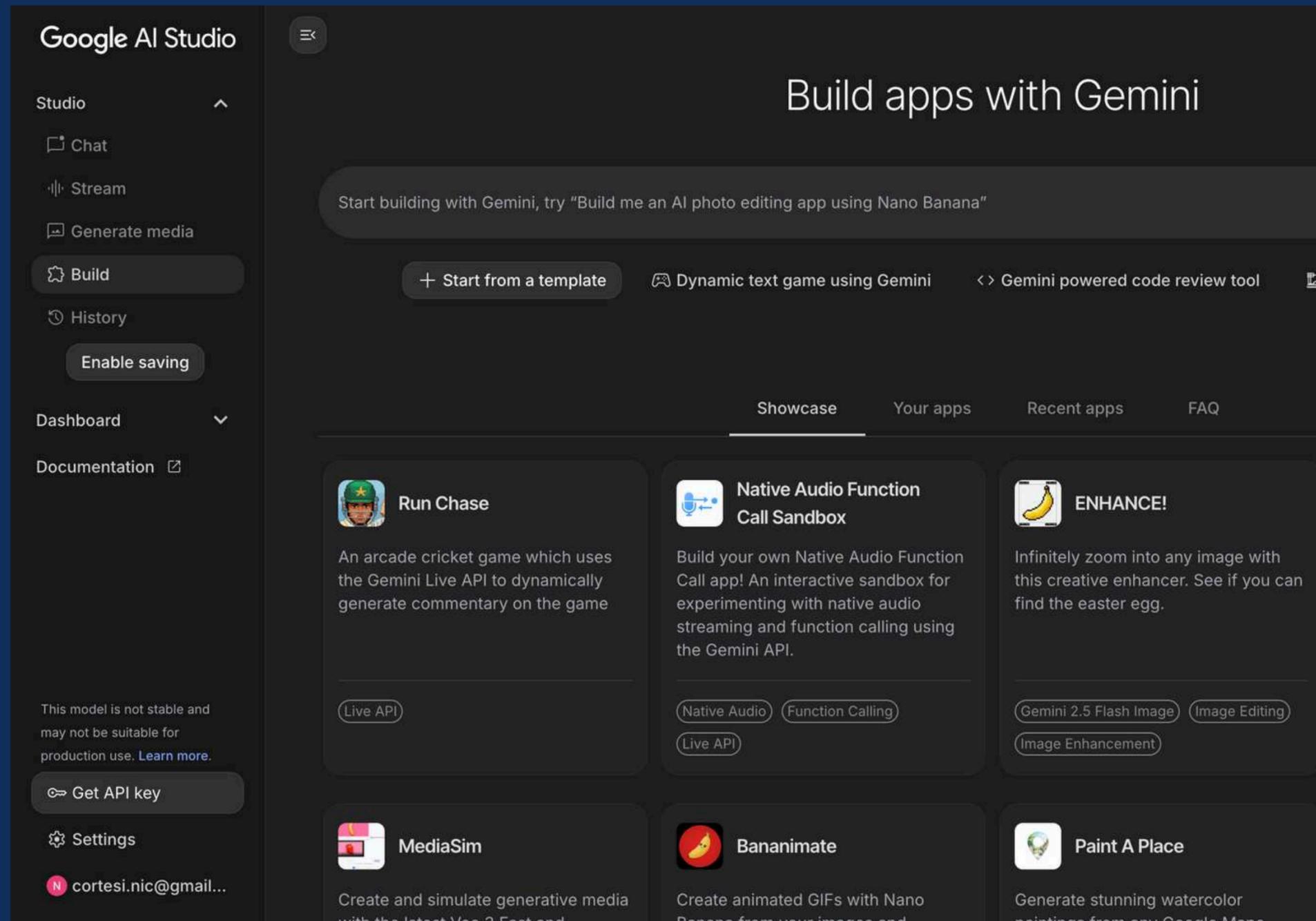
MODIFY IMAGES WITH NANO BANANA

At present it is the best free image generator and it is integrated in Gemini and Google AI Studio. It allows you to modify a part of the image

MODIFY IMAGES WITH NANO BANANA

TEMPOTEST 5423/14

You can even insert objects in your photos with the correct position and colors

GEMINI APP BUILDER

Very powerful new free AI tool to build apps using NLP

https://aistudio.google.com/apps
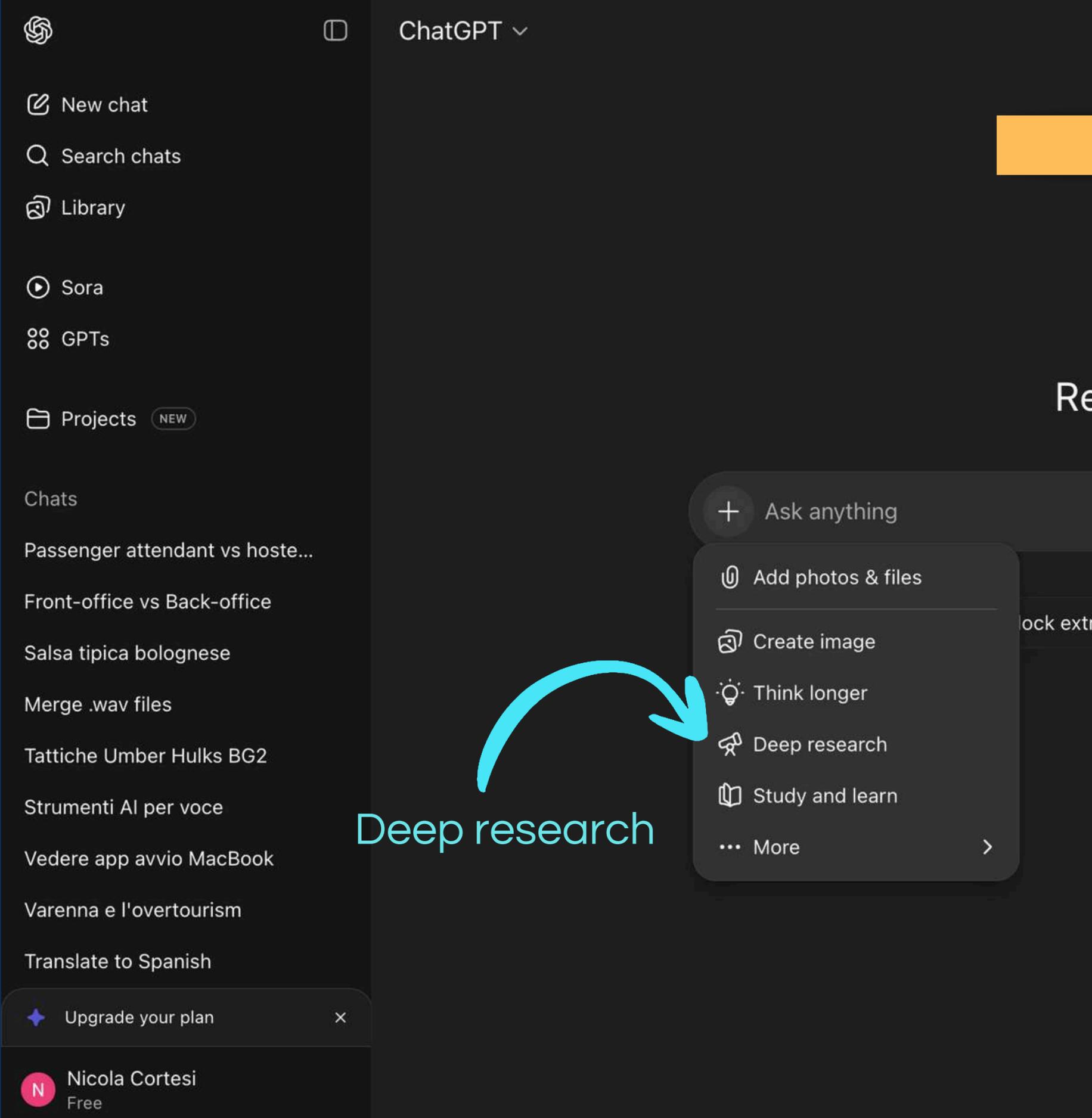
DEEP RESEARCH TOOL

Complex searches are better done with the "Deep research" tool

e.g: write the first draft of an article, book chapter or even a thesis.

The proper use of this powerful tool is that of comparing the results of 2 or more LLM

Upload the pdf of the first Deep Research generated by ChatGPT in Gemini:

Nature Tou...mo, Italy)

PDF PDF

this is report generated by chatgpt regarding tourism in the brembana valley, focused un nature turism and seasonal trends. Do you agree with it? Do you see some errors or missing results?

Here's my plan to tackle that topic. Let me know if you need to make changes.

It found some hallucinations and created a podcast to explain them!

Generate Audio Overview

✦ Show thinking ⌄

Sure, here is your Audio Overview.

AI Fails the Geography Test: Val Brembana's R...
Gemini-generated Audio Overview

0:00   5:40

1X   ⟲10   ▶   ⟳10   ⋮

⊡ Val Brembana Tourism Infographic ☁ ↶ ↷   ▭ ↻ Code ✓ Preview ⊷ Share ✕

Unveiling Val Brembana
A Deep Dive into the Heart of Nature Tourism

Nestled within the Orobie Alps Regional Park, Val Brembana is a premier destination for year-round nature tourism. This infographic explores the key attractions, seasonal dynamics, and visitor trends that define this vibrant Italian valley, highlighting its journey to becoming a tourism hotspot with nearly 200,000 visitors in 2023.

Alpine Majesty
Home to rugged peaks like Pizzo Coca (3,050m) and over 100 glacial lakes, offering breathtaking landscapes.

Historic Hamlets
Discover medieval villages like Cornello dei Tasso and Oneta, rich in history and culture.

Val Brembana Tourism Infographic — Code ✓ Preview — Share

Generate Audio Overview

✦ Show thinking ⌄

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AI Fails the Geography Test: Val Brembana's R...
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0:00   5:40

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👍 👎 ↻ ⤳ ⧉ ⋮

Ask Gemini

Seasonal Tourism Split

Val Brembana's appeal is distinctly seasonal, with a strong preference for summer holidays, driven by hiking and cycling. While winter sports are popular, there's a significant opportunity to grow tourism in the colder months and shoulder seasons.

- ■ Summer (Jun-Aug)
- ■ Winter (Dec-Feb)
- ■ Spring (Mar-May)
- ■ Autumn (Sep-Nov)

A Surge in Visitors

The valley has experienced remarkable growth in tourism, with a significant post-pandemic rebound. This trend highlights the increasing demand for nature-focused and outdoor destinations among travelers.

— Total Visitors (in thousands)

200k
180k
160k
140k
120k
100k
80k
60k
40k
20k
0k
2019   2020   2021   2022   2023

EXAMPLE OF DEEP RESEARCH: THE TOURISM TRENDS IN THE BREMBANA VALLEY

Generate Audio Overview

Show thinking ⌄

Sure, here is your Audio Overview.

AI Fails the Geography Test: Val Brembana's R...

Gemini-generated Audio Overview
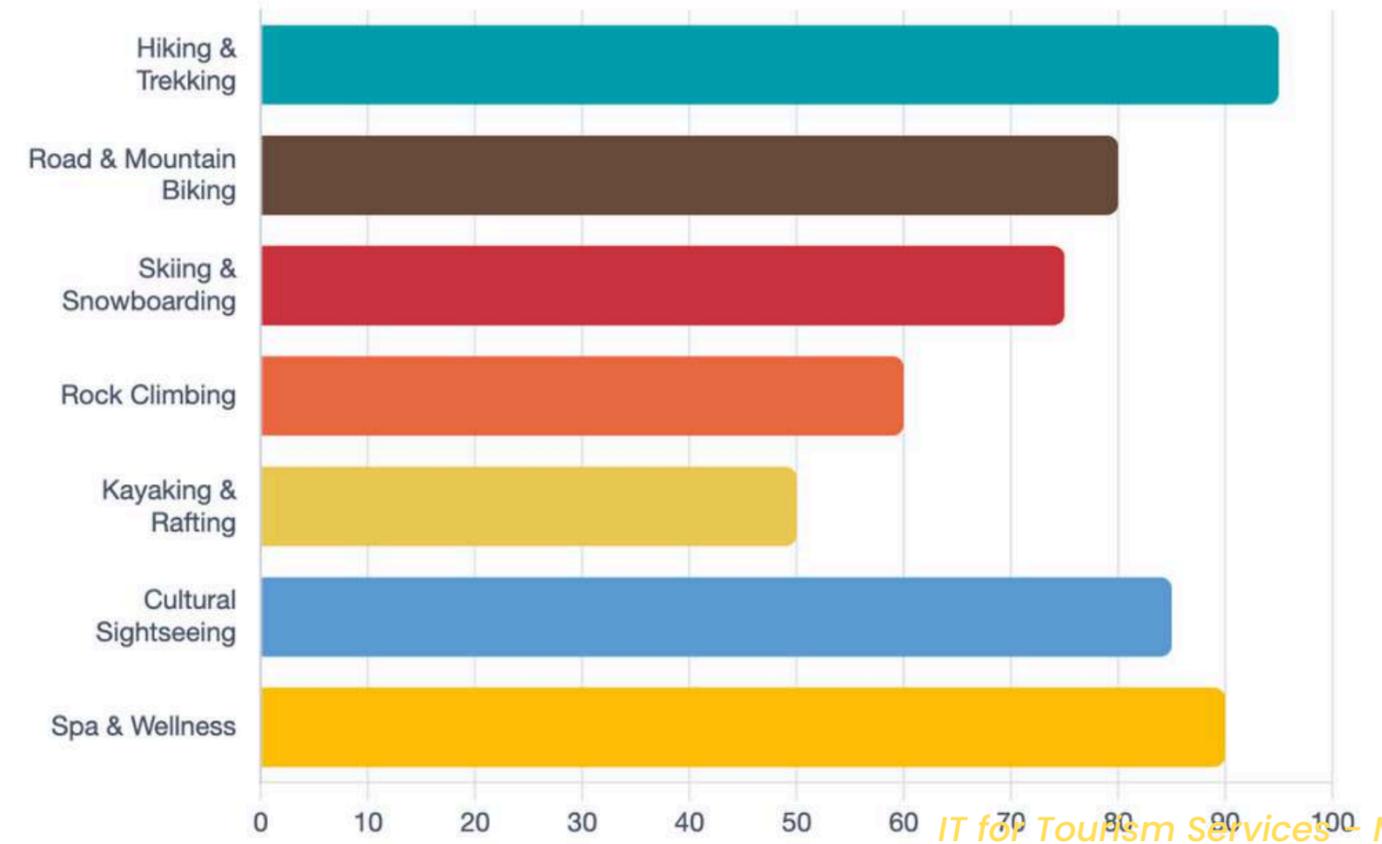
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1X

Ask Gemini

+   Canvas ✕

Strategic Outlook: SWOT Analysis

Strengths

- Diverse natural landscapes within a protected park.
- Rich cultural heritage and historic villages.
- Established brand of San Pellegrino Terme.
- Year-round activity offerings.

Weaknesses

- Infrastructure struggles to support peak season traffic.
- Limited public transport to remote areas.
- Marketing efforts are fragmented across municipalities.
- Dependence on weather for seasonal activities.

Opportunities

- Growing demand for sustainable and eco-tourism.
- Development of food and wine tourism routes.
- Promoting shoulder seasons (Spring/Autumn).
- Digitalization of booking and information services.

Threats

- Competition from other well-known Alpine regions.
- Climate change impacting snow reliability and ecosystems.
- Overtourism risk in popular spots during high season.
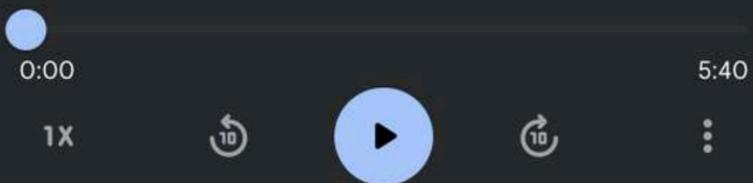- Economic downturns affecting tourist spending.

FIRST PROJECT WORK

TASKS OF LAST WEEK

- Install the app of ChatGPT, Gemini, Perplexity and/or Claude on your smartphone and activate Voice Mode

- Open the Moodle of the course and write down your name, surname, home country and languages you speak in the "Project Works: Groups" spreadsheet;

- Publish a new post in english in the fb group Alps for Beginners, modifying an existing post in Dolomites for Beginners (choose one). Ask Gemini to modify the text and the image of the original post (choose only 1 image if the post has many);

- Comment 3 or more posts of your companions (the ones with the lowest number of comments). You can ask Gemini to suggest a comment to the post;

- Comment 1 existing comment of another post of your companions;

- Then, 👍❤️🤭😆😮 all the new posts published by your companions in the community.

SECOND PROJECT WORK

AN APPLICATION OF **HERITAGE FOR ALL**

You'll become a team of video makers **and** social media managers

https://www.tiktok.com/@time.travelers.official

Top 10 Countries by TikTok

Country	Number of Active Users (million)
United States	136
Indonesia	108
Brazil	91.7
Mexico	85.4
Pakistan	66.9
Philippines	62.3
Russian Federation	56.0
Bangladesh	46.5
Egypt	41.3
Vietnam	40.9

TIKTOK USERS

You will open many TikTok channels, one for each language between those you speak and the most popular languages on TikTok
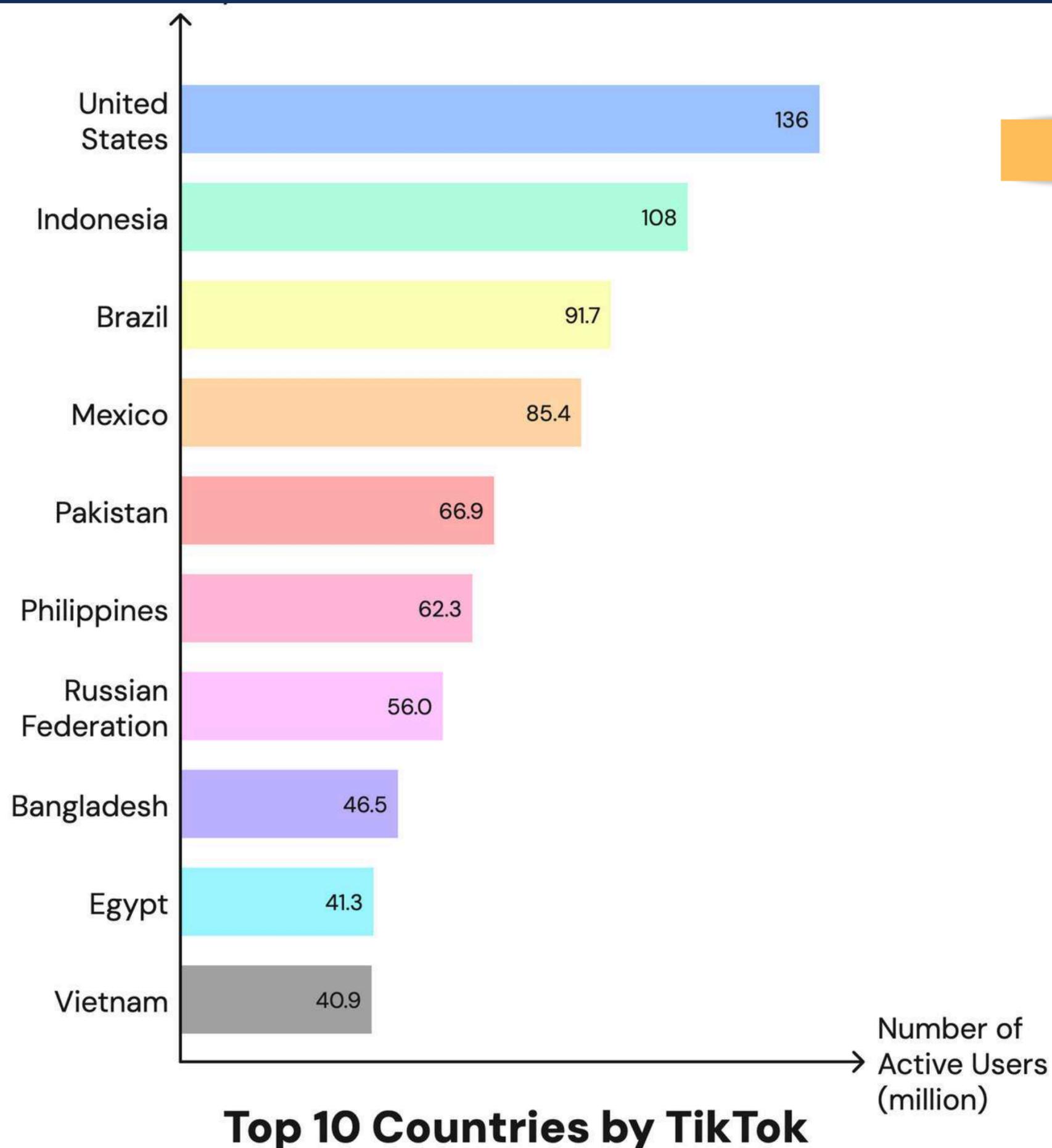
PROJECT OBJECTIVE

By replicating the english channels in many other languages you will be able to reach millions of users.

Our long-term goal is to reach one billion users per year

TASKS FOR NEXT WEEK

- First project work:
  - Publish a new post in english in the fb group Alps for Beginners, modifying an existing post in Dolomites for Beginners (choose one). Ask Gemini to modify the text and the image of the original post (choose only 1 image if the post has many);
  - Comment 3 or more posts of your companions (the ones with the lowest number of comments). You can ask Gemini to suggest a comment to the post;
  - Comment 1 existing comment of another post of your companions;
  - Then, 👍❤️🤭😆😮 all the new posts published by your companions in the community
- Second project work:
  - Read chapters 3 and 4.2 of the master thesis of Asad Abbas (available in the Moodle)
  - Take a selfie (a photo of yourself in portrait format) on the Bergamo's stairs form the lower city to the high city ("Scalette"). Visit them with your own group. See the map in the next slide for their exact location (deadline: 10 of november).
- Suggested movie: "The Matrix" (1999), by the Wachowskis brothers

STAIRS FOR THE HIGH CITY ("SCALETTE")
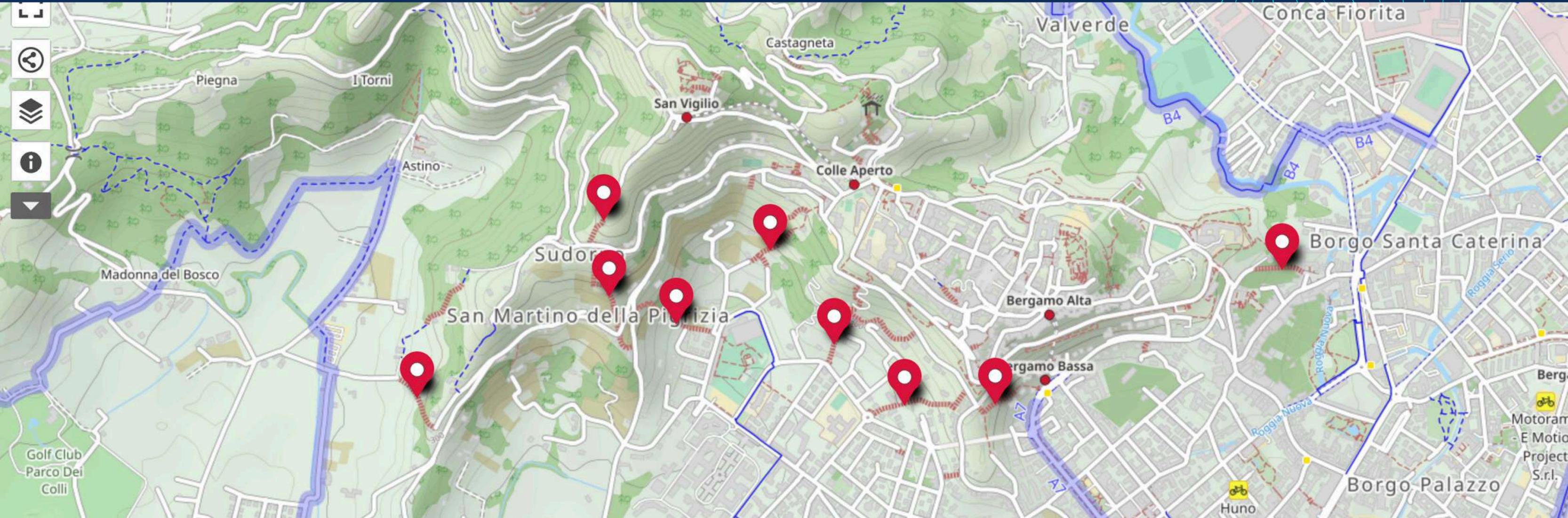
https://umap.openstreetmap.fr/en/map/high-city-stairs_1286146#15/45.7058/9.6546