# Πρακτική αξιοποίηση των εργαλείων ΑΙ





# Τι είναι ΑΙ Τεχνητή Νοημοσύνη

Η Τεχνητή Νοημοσύνη είναι η δημιουργία υπολογιστικών συστημάτων που μπορούν να εκτελούν εργασίες που απαιτούν νοημοσύνη, όπως αναγνώριση προτύπων, αναλυτική σκέψη και λήψη αποφάσεων, προσομοίωση ανθρώπινης σκέψης και εκμάθηση. Σκοπός της είναι να δημιουργήσει συστήματα που μπορούν να λύνουν προβλήματα με τρόπο παρόμοιο με αυτόν που θα ακολουθούσε ένας άνθρωπος, αλλά με την ευελιξία και την ταχύτητα που προσφέρουν οι υπολογιστές.

# Παλαιότεροι Αλγόριθμοι AI > Transformers

Σήμερα, θέλουμε θα εξερευνήσουμε έναν πολύτιμο σύμμαχο στον τομέα της εκπαίδευσης: τους "**Transformers**". Αυτά τα προηγμένα μοντέλα μηχανικής μάθησης μπορούν να ανοίξουν νέους ορίζοντες για την αποτελεσματική παράδοση της γνώσης σε διάφορους τομείς εκπαίδευσης.

Καταρχάς, ας εξετάσουμε τι είναι οι "Transformers". Πρόκειται για μια καινοτόμο τεχνολογία που βασίζεται σε **νευρωνικά δίκτυα** και μπορεί να κατανοήσει και να παράγει φυσική γλώσσα με ακρίβεια και φυσικότητα. Αυτή η δυνατότητα μπορεί να αποδειχθεί

ιδιαίτερα χρήσιμη στον τομέα της εκπαίδευσης, όπου οι εκπαιδευτικοί αντιμετωπίζουν διάφορες προκλήσεις κατά τη διδασκαλία των μαθητών τους.

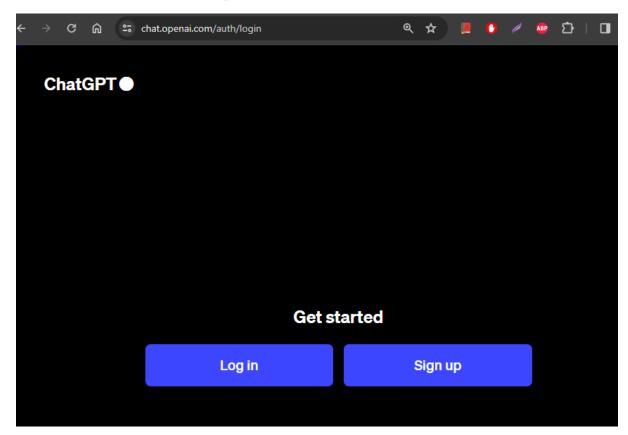
Οι "Transformers" μπορούν να βοηθήσουν τους εκπαιδευτικούς να εξατομικεύουν την εκπαίδευση για κάθε μαθητή. Αυτά τα μοντέλα μπορούν να παράγουν προσαρμοσμένο υλικό μάθησης, να παρέχουν ατομικές εξηγήσεις και να προτείνουν πρόσθετους πόρους που θα ενισχύσουν την κατανόηση των μαθητών. Εδώ όμως θα πρέπει να προσέξουμε. Τα Μοντέλα αυτά για να αποδώσουν καλύτερα χρειάζονται αναλυτική περιγραφή, σε οποιοδήποτε ερώτημα "prompt" τους δώσουμε. Είναι πολύ καλοί ομιλητές αλλά δεν μπορούν να καταλάβουν πράγματα που ίσως για εμάς εννοούνται. Στην παραγωγή λόγου ίσως και να μας εκπλήξουν όμως καλύτερα αποτελέσματα έχουμε πάντα με την αναλυτική περιγραφή που θα δώσουμε στο πρόβλημα που θα συζητήσουμε μαζί τους.

Επιπλέον, οι "Transformers" μπορούν να χρησιμοποιηθούν για τη δημιουργία παιγνιών μάθησης και εκπαιδευτικών εφαρμογών που θα κάνουν την εκπαίδευση πιο διασκεδαστική και αποτελεσματική για τους μαθητές.

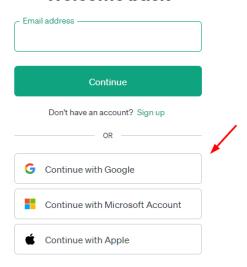
Τέλος, η ενσωμάτωση των "Transformers" στην εκπαιδευτική διαδικασία μπορεί να βοηθήσει τους εκπαιδευτικούς να αντιμετωπίσουν τις προκλήσεις της διαφοροποιημένης εκπαίδευσης και της προσαρμοστικής μάθησης.

Συνοψίζοντας, οι "Transformers" ανοίγουν νέες δυνατότητες για την εκπαίδευση, προσφέροντας εξατομικευμένη και αποτελεσματική μάθηση για κάθε μαθητή. Επομένως, ας εξερευνήσουμε μαζί πώς μπορούμε να αξιοποιήσουμε αυτήν την καινοτόμο τεχνολογία στον κόσμο της εκπαίδευσης!

https://chat.openai.com/auth/login



# Welcome back



http://ebooks.edu.gr/ebooks/v/pdf/8547/2628/22-0250-01\_Agglika-1\_A-Lykeiou-Epilogis\_Vivlio-Mathiti/

Βιβλίο Α Λυκείου σελίδες 15-18

Form groups, read the text below and answer the questions that follow. Then report to the class.

Θέλω στο κείμενο που ακολουθεί να μου κάνεις μία περίληψη

I want you in the following text to give me a summary:

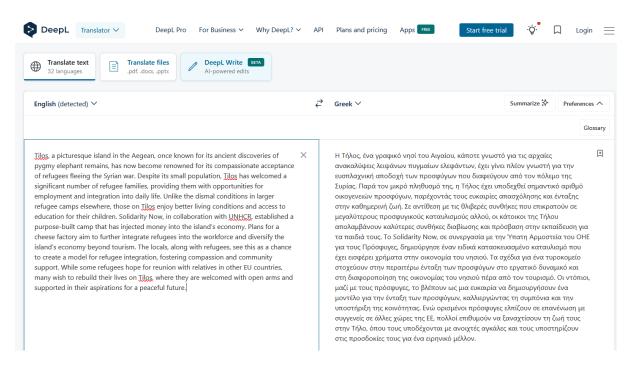
Island of goats and dreams - tiny Tilos, in the Aegean, welcomes refugees with open arms Tucked away in a quiet corner of the Aegean, Tilos is an island of crimson bougainvillea cascad ing over whitewashed houses, ancient stone terraces and goats – lots of goats. For years its main claim to fame was a cave in which the remains of pygmy elephants – the last to roam Europe, until around 4,000 years ago – were discovered by paleontologists. But Tilos has now earned a new distinction, as a place that has actively welcomed refugees fleeing the war in Syria. Islanders say their decision to embrace a dozen refugee families – around 70 people in total - offers an example to the rest of Greece, where more than 60,000 refugees from Syria, Iraq, Afghanistan and other countries languish in limbo in camps, waiting to be granted asylum and allowed to settle in other EU countries. "We think that the arrangement we have here could be a model that could be exported to the rest of Greece and the whole of Europe," Maria Kamma, the mayor, said in her office in Megalo Horio, the tiny 'capital' of Tilos, a village that clings to the slopes of a craggy mountain beneath a ruined castle. "If a little island like ours can support 12 families, then others can do the same, in proportion to their population. Bigger communities can take larger numbers. We can solve the refugee problem," the mayor told The Telegraph. Maria Kamma, the mayor of Tilos, has welcomed the refugee families. The number of refugees settled in Tilos may seem small, but in proportion to the island's resident population, which is barely 500, it is significant. Unlike the miserable camps in other parts of Greece where refugees have nothing to do, tho se on Tilos are becoming

integrated into the fa bric of daily life. Almost all the adults – aside from mothers looking after small children – have found work, in hotels and restaurants, shops, the island's bakery or as day labourers. They live in a purpose-built camp in the middle of Livadia, the island's port, where tourists eat grilled fish and tsatsiki in seafront tavernas. It is hardly luxurious – families live in Portakabins grouped around a communal cooking area and a shower block. But trees provide splashes of shade, a fresh layer of gravel keeps down the dust and there is plenty of room for the children to run around. Conditions are immeasurably better than in other, much larger camps on Aegean islands such as Lesbos and Chios, where refugees have been stuck since crossing in boats from nearby Turkey. Those asylum seekers, many of them women and small children, are suffering ever greater levels of "psychological stress" and despair, according to the UN. On Tilos, in contrast, the children go to Greek and English lessons and will start attending schools on the island in September. "I like the lessons, and playing outside, and having my friends around," said Nour, an outgoing eight-year-old Syrian girl, speaking in confident Greek rather than her native Arabic. Leading a toddler by the hand in the shade of a eucalyptus tree, Mohsen Barak, 42, from the city of Al-Hasakah in north-eastern Syria, has been on Tilos for seven months. "It is so much better than where we were before. We were on Rhodes, in a refugee camp inside an old slaughter yard. It was bad, really bad. We spent nearly a year there," he said. Eleni Kymina, 35, teaches the children Greek sever al times a week. "The kids really want to learn, they want to play music – all the things they didn't have a chance to do in the past," the teacher said. The camp was established about a year ago by Solidarity Now, a Greek NGO, with help from UNHCR, the UN's refugee agency. "The refugees are much happier than they were at first, especially now they have found jobs. It's not good to sit around all day with nothing to do, you become depressed," said Spiros Aliferis, a team leader from the NGO. "They're part of our community. The kids go to the playground in the village, they swim in the sea. And they pick up Greek quickly." Like many Greek islands, Tilos has suffered from chronic depopulation in the past. Up in the hills, World War. Goats wander through deserted houses, while others are boarded up with bits of rusting corrugated iron. The village's inhabitants drained away after the Second World War, seeking new lives in Athens, the United States and Australia. The presence of the refugees has injected money into the island. They receive a modest allowance from the UNHCR and spend the money in local shops. Now there are plans to build a cheese factory on Tilos, to take advantage of the milk produced by the 15,000 goats that wander its herb-scented mountains and valleys. "Some shepherds use the milk and one or two make their own cheese but it's for their own consumption. There's a big potential," said Stathis Kontos, special adviser to the mayor. It is hoped that the cheese factory will provide jobs for both Syrians and locals. "The locals will provide the expertise and the refugees will provide the manpower," said Mr Kontos. The enterprise will help diversify Tilos' dependence on tourism as the mainstay of its economy. A two-hour boat ride from Rhodes, the is land is popular with a small but loyal crowd of British, Italians and Scandinavians, many of whom come year after year. Tilos has a permanent population of just 500, but thousands of tourists arrive in the summer months. Some fall in love with the place so much that they buy houses and live there all year round. Ian Beesley, 70, originally from Oldham, moved here nearly 20 years ago and lives in a villa over- looking the sea. "This island could be an example of how to deal with the refugee problem and integrate them into communities. There is a genuine feeling of compassion here," he said. "I think they also want to build up the population. At one point the ratio of kids to teachers was three to one. I have only encountered one guy with anything negative to say about the refugees," he said. Some of the refugees hope to be reunited with relatives already settled in Germany or other EU countries, but the mayor hopes the rest will remain and rebuild their shattered lives on Tilos. "I'd like them to stay. They're human beings. It's their right to live in humane conditions. Tilos is a place where we can support their dreams of a peaceful life," she said.

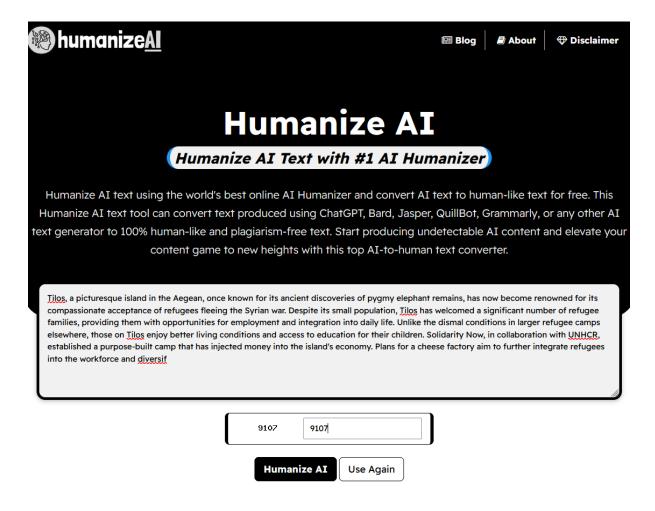
#### **Summary**

Tilos, a picturesque island in the Aegean, once known for its ancient discoveries of pygmy elephant remains, has now become renowned for its compassionate acceptance of refugees fleeing the Syrian war. Despite its small population, Tilos has welcomed a significant number of refugee families, providing them with opportunities for employment and integration into daily life. Unlike the dismal conditions in larger refugee camps elsewhere, those on Tilos enjoy better living conditions and access to education for their children. Solidarity Now, in collaboration with UNHCR, established a purpose-built camp that has injected money into the island's economy. Plans for a cheese factory aim to further integrate refugees into the workforce and diversify the island's economy beyond tourism. The locals, along with refugees, see this as a chance to create a model for refugee integration, fostering compassion and community support. While some refugees hope for reunion with relatives in other EU countries, many wish to rebuild their lives on Tilos, where they are welcomed with open arms and supported in their aspirations for a peaceful future.

#### https://www.deepl.com/translator

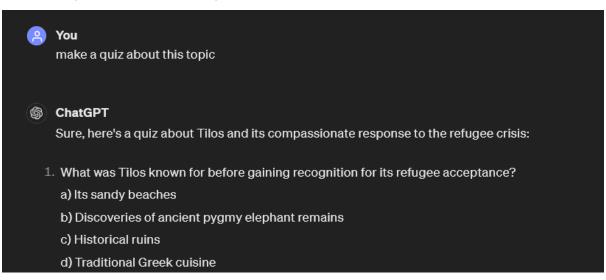


https://www.humanizeai.io/



Tilos, a charming island in the Aegean Sea, is known for its historical discoveries of pygmy elephant remains. It has gained recognition for its compassionate hospitality towards refugees escaping the Syrian conflict. Despite its small size, Tilos has opened its doors to many refugee families, offering them opportunities for work and a place in community life. Unlike crowded refugee camps in other places, those on Tilos experience better living conditions and access to education for their children. The organization Solidarity Now, in partnership with UNHCR, has developed a special camp that has boosted the economy of the island. Plans for a cheese factory aim to further integrate refugees into the workforce and diversify employment opportunities.

# make a quiz about this topic!



Sure, here's a quiz about Tilos and its compassionate response to the refugee crisis:

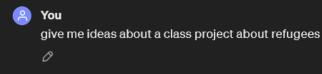
1. What was Tilos known for before gaining recognition for its refugee acceptance?
a) Its sandy beaches
b) Discoveries of ancient pygmy elephant remains
c) Historical ruins
d) Traditional Greek cuisine
2. Approximately how many refugee families has Tilos welcomed?
a) 20
b) 50
c) 12
d) 100
3. How many people, in total, have been welcomed as refugees on Tilos?
a) Around 200
b) Nearly 1,000
c) Roughly 70
d) Over 500
4. What organization, along with UNHCR, helped establish the refugee camp on Tilos?
a) Red Cross
b) Doctors Without Borders
c) Solidarity Now
d) Amnesty International
5. What type of lessons are offered to refugee children on Tilos?
a) Cooking lessons
b) Greek and English lessons
c) Swimming lessons
d) Art classes

6. How have refugees on Tilos been integrated into the local workforce?

a) By working in construction	
b) By teaching Greek to locals	
c) By finding employment in hotels, restaurants, and shops	
d) By volunteering at local charities	
7. What plans are underway to diversify Tilos' economy beyond tourism?	
a) Building a new airport	
b) Establishing a cheese factory	
c) Expanding the fishing industry	
d) Creating a luxury resort	
8. What is the permanent population of Tilos?	
a) 1,000	
b) 2,500	
c) 500	
d) 3,000	
9. According to the article, which country has some refugees on Tilos hoped to be reunited with?	
a) Italy	
b) France	
c) Germany	
d) Spain	
10. What is the mayor's hope for the refugees on Tilos?	
a) That they will return to their home countries	
b) That they will find employment elsewhere in Greece	
c) That they will stay and rebuild their lives on Tilos	
d) That they will move to larger cities for better opportunities	
a) mat they with hove to target of the portal and of	
Answers:	
1. b) Discoveries of ancient pygmy elephant remains	
2. c) 12	
3. c) Roughly 70	

- 4. c) Solidarity Now
- 5. b) Greek and English lessons
- 6. c) By finding employment in hotels, restaurants, and shops
- 7. b) Establishing a cheese factory
- 8. c) 500
- 9. c) Germany
- 10. c) That they will stay and rebuild their lives on Tilos

# give me ideas about a class project about refugees.



### 

Certainly! Here are some ideas for a class project about refugees:

Research and Presentation: Divide the class into small groups and assign each group a specific
aspect of the refugee crisis to research, such as the causes of displacement, challenges faced by
refugees, refugee rights and legal protections, or successful refugee integration programs. Each
group can then prepare a presentation to share their findings with the class.

Certainly! Here are some ideas for a class project about refugees:

- 1. \*\*Research and Presentation\*\*: Divide the class into small groups and assign each group a specific aspect of the refugee crisis to research, such as the causes of displacement, challenges faced by refugees, refugee rights and legal protections, or successful refugee integration programs. Each group can then prepare a presentation to share their findings with the class.
- 2. \*\*Awareness Campaign\*\*: Organize an awareness campaign within the school or local community to educate others about the refugee crisis. This could involve creating posters, organizing informational sessions or workshops, or hosting a film screening followed by a discussion on refugee issues.
- 3. \*\*Fundraising Event\*\*: Plan and host a fundraising event to support organizations working with refugees. This could be a bake sale, charity concert, art auction, or sports tournament. Proceeds can be donated to NGOs or charities providing assistance to refugees.
- 4. \*\*Letter Writing Campaign\*\*: Coordinate a letter writing campaign where students can write letters of solidarity and support to refugees living in camps or resettlement communities. These letters can offer words of encouragement, share personal stories, or express empathy and understanding.
- 5. \*\*Art Project\*\*: Encourage students to express their thoughts and feelings about the refugee crisis through art. This could involve creating paintings, sculptures, photographs, or mixed media artwork that explore themes related to displacement, resilience, identity, and belonging. The artwork can be displayed in a school exhibition or shared online to raise awareness.

- 6. \*\*Language and Cultural Exchange\*\*: Organize language and cultural exchange activities between students and refugees. This could involve partnering with local refugee resettlement agencies or community organizations to arrange language practice sessions, cultural exchange events, or pen pal programs where students can interact with refugees and learn about their experiences and backgrounds.
- 7. \*\*Policy Proposal\*\*: Have students research and develop policy proposals aimed at addressing the refugee crisis at local, national, or international levels. This could involve analyzing existing policies, identifying gaps or areas for improvement, and drafting recommendations for policymakers to consider.
- 8. \*\*Virtual Reality Experience\*\*: Create a virtual reality experience that simulates the journey of a refugee fleeing conflict or persecution. This immersive experience can help students gain a deeper understanding of the challenges faced by refugees, such as dangerous border crossings, overcrowded camps, and uncertain futures.
- 9. \*\*Storytelling Project\*\*: Encourage students to collect and share the stories of refugees in their community or from around the world. This could involve conducting interviews, recording oral histories, or creating multimedia storytelling projects that highlight the diverse experiences and voices of refugees.
- 10. \*\*Policy Debate\*\*: Organize a policy debate where students can discuss and debate different approaches to addressing the refugee crisis. Topics for debate could include border security measures, refugee resettlement quotas, asylum procedures, or international cooperation and diplomacy.

# Το μάθημα αυτό αφορά μαθητές Λυκείου, θέλουμε τις σημαντικότερες λέξεις του αρχικού κειμένου με εξήγηση όπως ένα λεξικό!

this chapter is for high school students, give me the main words from the original text that need attention and explain them with a dictionary structure



this chapter is for high school students, give me the main words from the original text that need attention and explain them with a dictionary structure



#### 

Here are the main words from the original text that may need attention for high school students, along with their explanations structured in a dictionary format:

1. Refugees: (noun) People who have been forced to leave their home country due to war,

Here are the main words from the original text that may need attention for high school students, along with their explanations structured in a dictionary format:

- 1. \*\*Refugees\*\*: (noun) People who have been forced to leave their home country due to war, persecution, or other reasons, and seek safety in another country.
  - Example: "Tilos has actively welcomed refugees fleeing the war in Syria."
- 2. \*\*Languish\*\*: (verb) To suffer in a situation of neglect or difficulty.
- Example: "Refugees from Syria, Iraq, Afghanistan, and other countries languish in limbo in camps, waiting for asylum."

- 3. \*\*Exported\*\*: (verb) To send or transport goods, services, or ideas to another country for use or sale.
- Example: "We think that the arrangement we have here could be a model that could be exported to the rest of Greece and the whole of Europe."
- 4. \*\*Integration\*\*: (noun) The process of combining or assimilating people or groups into a community or society.
  - Example: "Refugees on Tilos are becoming integrated into the fabric of daily life."
- 5. \*\*Depopulation\*\*: (noun) The reduction in the number of people living in a particular area, typically due to migration or other factors.
  - Example: "Tilos has suffered from chronic depopulation in the past."
- 6. \*\*NGO (Non-Governmental Organization)\*\*: (noun) A non-profit organization that operates independently from government and is often dedicated to social or humanitarian causes.
  - Example: "The camp on Tilos was established by Solidarity Now, a Greek NGO."
- 7. \*\*Dependence\*\*: (noun) The state of relying on someone or something for support or aid.
- Example: "The enterprise will help diversify Tilos' dependence on tourism as the mainstay of its economy."
- 8. \*\*Compassion\*\*: (noun) Sympathetic concern for the suffering of others, often leading to a desire to help or alleviate their pain.
  - Example: "There is a genuine feeling of compassion here towards refugees."
- 9. \*\*Reunited\*\*: (verb) To be brought together again after being separated.
- Example: "Some refugees hope to be reunited with relatives already settled in Germany or other EU countries."
- 10. \*\*Shattered\*\*: (adjective) Broken into pieces or destroyed, often referring to hopes, dreams, or lives.
  - Example: "The mayor hopes the refugees will stay and rebuild their shattered lives on Tilos."

These explanations aim to provide clear definitions of the main words from the original text, suitable for high school students' understanding.

Πολλές φορές θέλει λίγο περισσότερη ανάλυση πάνω σε αυτό που ζητάμε! Εδώ ζήτησα να μου φτιάξει ένα σχετικό κείμενο στο οποίο να λείπουν λέξεις ώστε να τις συμπληρώσουν οι μαθητές και να μου δώσει και τις λέξεις αυτές!

Μετά από πολλές διευκρινήσεις μου έδωσες αυτό που τελικά ήθελα!

Apologies once again for the oversight. Here's the corrected exercise:

\_\_\_

\*\*Find the Hidden Words Exercise\*\*

Read the following text carefully and try to find the hidden words. Once you find a word, fill in the blanks with the correct word.

*Tilos, a charming island in the Aegean Sea, is known for its historical discoveries of elephant remains. It has gained recognition for its compassionate hospitality towards escaping the Syrian conflict. Despite its small size, Tilos has opened its doors to many refugee families, offering them opportunities for work and a place in life. Unlike crowded refugee camps in other places, those on Tilos experience better living conditions and access to education for their children. The organization Solidarity Now, in partnership with UNHCR, has developed a special camp that has boosted the economy of the island. Plans for a factory aim to further integrate refugees into the workforce and diversify employment opportunities.
I hope this helps! Let me know if you have any further questions.
give me the words that they are missing
Of course! Here are the missing words:
1. **pygmy**
2. **refugees**
3. **community**
4. **cheese**

# https://copilot.microsoft.com/

prompt: make me a picture of two teachers, a man and a woman, giving a presentation at a conference



make me a picture of two teachers, a man and a woman, giving a presentation at a conference

# **Copilot**

I'll try to create that.

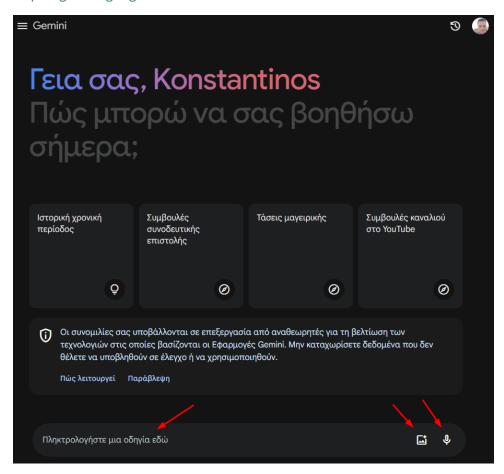




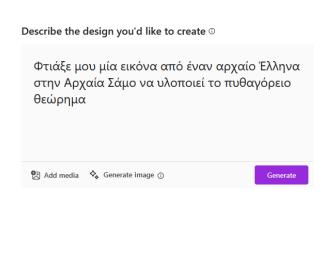


Παρόμοια Bots με το ChatGPT και το copilot είναι το Gemini της Google, το οποίο επιπλέον έχει μικρόφωνο, μπορούμε να του μιλάμε και ακόμα μπορούμε να του ανεβάσουμε μία φωτογραφία και να τη διαβάσει ή να ζητήσουμε κάποια περιγραφή για τη φωτογραφία αυτή.

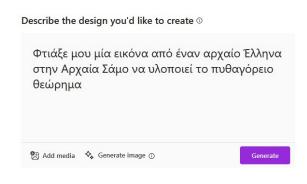
# https://gemini.google.com



# https://designer.microsoft.com/









Κλείνοντας να τονίσω ότι η χρήση της τεχνολογίας μπορεί να είναι και καλή και κακή, η μέχρι τώρα πορεία του ανθρώπου ίσως να μας φοβίζει σχετικά με τη μελλοντική χρήση της ΑΙ, όμως εμείς ας ελπίσουμε ότι τελικά η χρήση της θα είναι απλά ένα πολύ χρήσιμο εργαλείο. Ας είμαστε όλοι προσεκτικοί!

# Deep Fake

https://www.youtube.com/watch?v=oxXpB9pSETo