

AI and Ecological Footprint

Τεχνητή Νοημοσύνη και Οικολογικό Αποτύπωμα

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Φύλλο εργασίας 1

Activity 1: Are the following sentences Pros or Cons of AI use? Mark P or C. Which of the pros or cons are already happening and which are possible future scenarios? (Mark H or F).
Discuss in your group and complete the chart:

Sentences regarding AI	P/C	H/F
AI will revise the routes of cargo ships, as a result reduce fuel consumption	P(Tuffs) P(Cookers) P(Tapeworms) P(handballers) P(tequilla)	F(Tuffs) F(tequilla) F(Tapeworms) F(Cookers) F (handballers)
AI needs to process an enormous amount of data, therefore public surveillance will increase	C(Cookers) C(Tuffs) C(Tapeworms) C(tequilla) C (handballers)	F (handballers) F(Cookers) F(Tapeworms) H(tequill F(Tuffs)
AI will monitor and mitigate carbon emissions in flights	P(Tuffs) P(Cookers) P(HANDBALLERS) p(tequilla) P(Tapeworms)	F(Cookers) F(Tuffs) F (handballers) F(tequilla) F(Tapeworms)
AI will calculate the footprint of a product and nudge customers toward greener choices	P(Tuffs) C(Cookers) P(handballers) P(Tapeworms) P(tequilla)	F(Cookers) F(Tuffs) F(tequilla0 F(ballers) F(Tapeworms)

AI is a machine that learns and improves itself	P(Cookers) P(Tuffs) P(handballers) C(Tapeworms)	H(Tuffs) H(Cookers) H (handballers) H(tequilla) H(Tapeworms)
AI is not always reliable	C(Cookers) C (handballers) C(Tuffs) C(tequilla) C(Tapeworms)	H(Cookers) H(Tuffs) H (handballers) H(tequilla) H(Tapeworms)
The CO2 produced to train an AI algorithm equals the CO2 that five cars produce over their lifetime	P(Cookers) P(Tuffs) P (ballers) C(Tapeworms)	H(Tuffs) F(Cookers) H(Tapeworms)
AI can optimize fertilizer use by monitoring weather conditions and nitrogen levels in soil	P(Cookers) P(Tuffs) P (ballers) P(tequilla)	H(Tuffs) F(Cookers)
Microsoft AI for Earth initiative supports projects that address the climate crisis	P(Cookers) P(Tuffs) P (ballers) P(tequilla)	H(Tuffs) F(Cookers) F(tequilla) F (ballers)
AI will analyse weather data and help tackle climate change	P(Cookers) P(Tuffs) P (ballers) P(tequilla)	F(Tuffs) F(Cookers) F(tequilla) F (ballers)

		F (ballers)
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Activity 2: Discuss unknown vocabulary in your group. Pick 5-7 words which are new to you and look them up using wordreference. Write down the meanings in the following table:

New word	Meaning in Greek

Activity 3: Discuss in your group which is for you the most important argument (either pro or con, either happening or possibility for the future). Write it down here, justifying your choice:

