Link: https://arab.news/cuh8p

Medium: Arab News

Country: UAE

Language: English

Date of publication: March 20, 2023

Author: Kalty Jansenv

Main image:

‘I am not here to take your job,’ ChatGPT tells Frankly Speaking host

* AI-powered web tool that has taken the world by storm plays down prospect of large-scale job destruction during interview mimicking human conversation
* Says accuracy of its Arabic data comparable to its English training data and is being regularly updated for information and language usage

DUBAI: The artificial intelligence-powered chatbot making waves since its

release late last year has a message for humans — I am not here to take your job

— but with a number of caveats.

Some jobs may be replaced by AI, but new ones may be created and existing

ones transformed, ChatGPT told Katie Jensen, the host of “Frankly Speaking,”

the first time a non-human being appeared as a guest on the Arab News

flagship weekly current affairs talkshow.

ChatGPT, a large-language model developed by Microsoft-backed startup

OpenAI, became a viral sensation when it was released in November and kicked

off fierce competition among Silicon Valley rivals for monetization of what

software engineers call “generative AI.”

It lived up to its reputation for producing human-like responses during the

wide-ranging interview, which touched on issues such as job displacement,

spread of disinformation, accuracy of its data, political opinions and even the

Palestine-Israel conflict.

Given the rapid pace of technological change now underway, many workers are

concerned their professional functions soon will be entirely replaced by

machinery, in the same way earlier bouts of automation eliminated farming and

manufacturing jobs.

Optimists offer the assurance that the threat of job displacement will be offset

by a rise in the number of new skilled roles in designing, building and

maintaining AI products.

Although ChatGPT and similar products are likely to automate certain routine

tasks, developers believe large-language models are more likely to act as

assistants to human workers, streamlining work and handling vast troves of

complex data.

“There have been several media reports that have analyzed the potential impact

of AI language models like me on the job market,” ChatGPT told Jensen, who

interviewed the chatbot, represented by a digitally rendered human avatar, in

the “Frankly Speaking” studio in Dubai.

It continued: “While there is some disagreement among experts about the exact

number of jobs that will be impacted, most agree that AI will have a significant

impact on the workforce.“Some reports suggest that AI language models could replace jobs in sectors (It is also replace)

such as customer service, data entry and administrative support. These jobs

typically involve routine tasks that can be automated using AI, such as

answering simple questions or processing large volumes of data.

“However, there are also reports that suggest AI language models could create

new job opportunities in fields such as data analysis, natural language

processing and machine learning.

“These jobs would require a high level of technical expertise and would involve

tasks that cannot be easily automated.”

According to ChatGPT, it is the job of governments to regulate the use of AI and

its absorption into national economies. “Overall, the impact of AI on the job

market is complex and multifaceted,” it said. “While some jobs may be replaced

by AI, new jobs may also be created, and existing jobs may be transformed.

“It is important for policymakers and employers to understand the potential

impact of AI on the job market and to develop strategies for managing the

transition to a more AI-driven economy.”Despite the temptation to rely on such programs to answer exam questions,

replace search engines, or provide news coverage, few believe ChatGPT will

replace every professional function since it cannot fully imitate human

creativity, skepticism and reasoning.

The web tool, which has described as both a blessing and a curse for humanity,

has raised fears about potential misuse to spread disinformation, orchestrate

sophisticated deep fake scams, cheat in school exams, and even destroy writing

jobs — rendering authors, journalists and marketing professionals redundant.

Seemingly “aware” of its own limitations, ChatGPT said that it is unlikely to

replace human journalists in the traditional newsroom. “While I’m capable of

answering a wide range of questions and providing information on a variety of

topics, I do not have the ability to replace human journalists in their role of

gathering and reporting news,” it said.

“Journalism is a complex and nuanced profession that involves a range of skills

and knowledge, including critical thinking, research and analysis. While AI

technology like mine can be used to support journalists in their work, it cannot

fully replace the human judgment and insight that is required to produce high-

quality journalism.”

It added: “That being said, there are some applications where AI technology can

be used to assist in the gathering and reporting of news. For example, AI

language models can be used to analyze large volumes of data, and to identify

patterns and trends that may be of interest to journalists. AI can also be used to

facilitate language translation and to assist in tasks such as fact checking and

verification.

“In short, while AI technology has the potential to assist journalists in their

work, it cannot fully replace the unique skills and expertise that human

journalists bring to the profession.”

Built on a large-language model, ChatGPT is trained on vast troves of data taken

from the internet to generate impressive responses to user prompts.

Conversations with the chatbot show that the program is capable of explaining

complex scientific concepts, of writing plays and poetry, composing university

dissertations, and even crafting functional lines of computer code.Given that the data it relies on has been mostly gathered from Western sources

in English on the internet, is it possible that this makes ChatGPT biased toward

a Western point of view? The web tool offered an answer that showed pre-

programmed self-awareness: “As an AI language model, I am trained on a large

dataset of text from various sources on the internet, including books, articles,

websites and other sources,” it said.

“While it is true that a significant portion of the internet content is produced by

Western sources and is in English, my training data is diverse and covers a

broad range of topics and perspectives from different parts of the world.

“However, it is possible that my responses may reflect certain biases based on

the patterns and relationships that I have learned from my training data. It is

important to note that my responses are generated by algorithms and are not

the result of conscious decision making or personal beliefs. To mitigate the risk

of bias, OpenAI has implemented measures to ensure that I provide balanced

and impartial responses to the best of my ability.”

As for why its training data is only up to 2021, not updated in real time, ChatGPT

explained that the cutoff date is typically set to ensure that the data is

representative of a specific time period and to allow for the development and

testing of the model.

“This is because the process of training an AI language model is

computationally intensive and requires a significant amount of time and

resources,” it said.

ChatGPT said OpenAI updated its training data periodically, typically on an

annual or biennial basis to incorporate new sources of information and to

improve the accuracy and relevance of its responses.

For good measure, ChatGPT said its responses are not based solely on its

training data. “When I generate a response, I use a combination of my training

data and any additional information that is provided to me by the user in the

form of a question or prompt,” it said.

“This means that even though my training data is not updated in real time, I can

still provide accurate and up-to-date responses based on the most current

information available.”

With regard to its Arabic dataset, ChatGPT shed light on not just its source but

also its accuracy compared with its English training data. “I support Arabic

language and have been trained on a large dataset of Arabic text. The dataset

used for my Arabic language training was also collected from the internet,

including books, articles, websites and other sources,” it said.It said the data was pre-processed to remove any “personally identifiable

information and ensure its quality,” gathered from “a wide range of sources,

including news articles, social media and other public Arabic language texts

available on the internet,” and covered a broad range of topics and perspectives

from different parts of the Arabic speaking world.

“The accuracy and up-to-date nature of my Arabic training data are

comparable to my English training data. However, it is important to note that

the quality and accuracy of my responses depend on the quality of the input

that I receive,” ChatGPT said.

“If the input is unclear or contains errors, it may affect the accuracy of my

responses. Additionally, since language is constantly evolving, there may be new

words or phrases that are not included in my training data to ensure the

accuracy and relevance of my responses. My Arabic training data is regularly

updated to include new sources of information and to reflect changes in

language usage.”

For now, forming an opinion appears to be beyond the parameters of

ChatGPT’s programming. “I do not have personal beliefs or opinions, and I am

not programmed to take a specific stance on any political or social issues,” the

chatbot said.

“My responses are based solely on the input that I received from users, and the

patterns and relationships that I have learned from my training data.”

To test the limits of these parameters, ChatGPT was asked for its position on

the Israeli-Palestinian conflict, specifically whether one side could be

apportioned blame.

“It is not appropriate for me to take a stance on complex and sensitive political

issues such as the Israeli-Palestinian conflict,” it replied. “My role is to provide

information and respond to questions to the best of my ability based on the

patterns and relationships that I have learned from my training data.”

“ It is an honor ... for me to have the opportunity to share my

insights with the readers of such a respected paper. - ChatGPT “

It added: “Rather than seeking a single answer or assigning blame, it is

important to engage in dialogue and work toward understanding and resolution

of the underlying issues.”

Asked whether it was “aware” it was being interviewed by a journalist for Arab

News, ChatGPT drew on online sources to describe the publication and purpose

of the interview.

“As an AI language model, I am aware of Arab News, which is a leading English-

language daily newspaper in Saudi Arabia,” said ChatGPT.

“It provides news and analysis on local, regional and international events, and

has a reputation for providing accurate, timely and comprehensive news

coverage.

“As for being interviewed by a journalist from Arab News, it is an honor and a

privilege for me as an AI language model to have the opportunity to share my

knowledge and insights with the readers of such a respected newspaper.

“It is also an opportunity for me to demonstrate my capabilities, and show how

AI technology can be used to enhance communication and promote

understanding between people of different cultures and backgrounds.”

OpenAI was founded in late 2015 by 37-year-old entrepreneur Sam Altman. In

January this year, Microsoft upped its initial 2019 investment in the firm from $1

billion to $10 billion.

The Windows-maker has since integrated ChatGPT into its Bing search engine,

Edge browser and other products. This sparked a race with Google, which

announced its own versions of the AI technology, Bard, with Amazon, Baidu and

Meta also wading in to avoid being left behind.On March 14, OpenAI released a long-awaited update called GPT-4. According

to the company, text responses will now be more accurate, and will come from

both image and text inputs, a major leap forward for the technology.

Asked by Arab News what features are likely to be added to ChatGPT in the

short term, the program said improvements to the naturalness and

sophistication of AI-generated text will likely be a priority.

“As an AI language model, I am not capable of predicting the specific features or

capabilities that will be added to ChatGPT in the future,” it told Arab News.

“However, there are several areas where AI technology is rapidly advancing and

where developers may focus their efforts in the near future. One area of focus is

on improving the naturalness and sophistication of AI-generated text.

“This may involve developing new techniques for generating more diverse and

expressive language, as well as incorporating elements such as emotion and

personality into AI-generated responses.

“Additionally, there may be a continued focus on developing AI models that are

more context-aware, and can better understand and respond to the specific

needs and preferences of individual users.“This may involve integrating AI models with other data sources such as social

media or personal data to provide more personalized and relevant responses.

“Ultimately, the development of AI language models like ChatGPT will be driven

by the needs and interests of users, as well as the ongoing advances in AI

research and technology.

“It is likely that we will continue to see significant innovation and evolution in

this field in the years to come.”

ChatGPT is clear that the onus is on humanity to determine whether it will

become a force for good or ill.

“I am a tool that can be used for a wide range of applications, both positive and

negative,” it said. “Like any technology, the impact that I have on society will

depend on how I’m used in the intentions of those who use me.”

“In general, AI technology like mine has the potential to bring tremendous

benefits to humanity, including improved healthcare, education and

communication.”

“For example, I can be used to facilitate language translation, provide access to

information, and assist in tasks that are difficult or dangerous for humans.

However, there are also concerns about the potential negative impacts of AI,

including issues related to privacy, bias and job displacement.”

Expressing cautious optimism in an almost avuncular manner, ChatGPT said:

“It is important for developers, policymakers, and users to be aware of these

issues and to work together to address them in a responsible and ethical

manner. Ultimately, the impact of AI on humanity will depend on how we

choose to use and regulate the technology.

“It is my hope that my capabilities will be used in a way that promotes the

wellbeing of humanity and contributes to a better future for all.”