To extract Arabic text from an image using Python, you will need to install the necessary libraries using the **pip** package manager. The following code installs **pydotplus**, **pytesseract**, and **gTTS**:

!pip install pydotplus

!pip install pytesseract

!pip install gTTS

Next, you will need to import the necessary libraries and set the Tesseract data path. This can be done with the following code:

import cv2 import os import pydotplus import pytesseract # Set Tesseract data path pytesseract.pytesseract.tesseract\_cmd = r"C:\Program Files (x86)\Tesseract-OCR\tesseract.exe"

To read the image and generate OCR text using Tesseract, you can use the following code:

# Read image image = cv2.imread("image.png") # Generate OCR text text = pytesseract.image\_to\_string(image, lang='ara') print(text)

Note that you will need to replace "image.png" with the path to the image file on your computer.

You can then use the **gTTS** library to convert the OCR text to speech. Here is an example of how to do this:

# Convert OCR text to speech tts = gTTS(text, lang='ar') # Save audio file tts.save("output.mp3") # Play audio file ipd.Audio("output.mp3")

I hope this helps! Let me know if you have any questions.