

Machine Learning Engineering Program

Week 2 Data Collection & Extraction

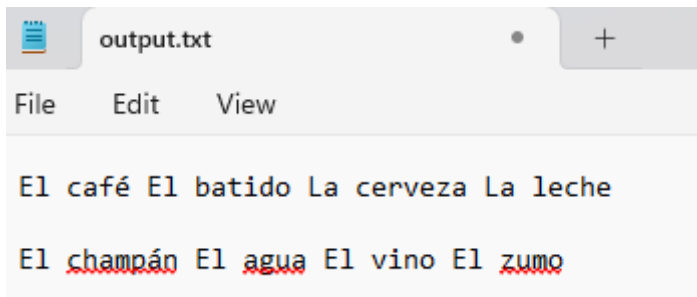
Jannie Li

Use Tesseract with Python

Input: Image.png



Output:



Python:

```
output.txt  tess.py
File Edit View

from PIL import Image
import pytesseract
import os

image_path = 'processed.png'

if not os.path.exists(image_path):
    print(f"Image not found: {image_path}")
else:
    image = Image.open(image_path)
    text = pytesseract.image_to_string(image)
    if text.strip():
        print("OCR output:")
        print(text)
    else:
        print("No text detected in the image.")
```

```
(venv) jannie@DESKTOP-DAIMEU6:/mnt/c/Users/janni/Desktop/Inference/assignment 2$ tesseract image.png output -l spa
Estimating resolution as 408
Detected 12 diacritics
```

A hand holding a glowing blue AI chip with circuitry. Overlaid on the image is a large blue 'Thank you!' text. In the background, there is a faint interface with a 'Command Prompt' box and a 'ChatGPT' label.

Thank you!

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