**Download Image**:

* Fetch the image from the provided URL using the requests library.
* Load the image data into a PIL Image object.

**Display Original Image**:

* Show the original image using Matplotlib for initial inspection.

**Increase Contrast**:

* Apply contrast enhancement to the image using PIL’s Image Enhance. Contrast class to make text more distinguishable.

**Upscale Image**:

* Resize the image to a larger dimension to potentially improve OCR accuracy by making text and details more visible.

**Preprocess Image**:

* Convert the image to a numpy array and then to grayscale using OpenCV.
* Apply thresholding to create a binary (black-and-white) image to better highlight text against the background.

**Display Preprocessed Image**:

* Show the preprocessed (binary) image for review.

**Extract Text with Tesseract**:

* Use Tesseract OCR to extract text from the preprocessed image.
* Test multiple Page Segmentation Modes (PSM) to find the best configuration for text extraction.

**Crop Image (Optional)**:

* Crop the image to a specific region if you know where the text is located to focus the OCR on that area.

**Extract Text from Cropped Image**:

* Perform OCR on the cropped image to extract text specifically from that region.