

Write a program in Python that takes an image as input and displays its attributes. Your program should be able to take an image file as input. You can either prompt the user to enter the file path or use a predefined path for testing purposes.

Once the image is loaded, your program should display the following attributes:

- Dimensions: Height and width of the image in pixels.
- Color Channels: Number of color channels (e.g., 3 for RGB, 1 for grayscale).
- File Size: Size of the image file in kilobytes (KB).
- Mean Pixel Intensity: Average pixel intensity for each channel.
- Image Type: Identify whether the image is grayscale or colored.

Requirements:

- Your program should handle different image formats (e.g., JPEG, PNG, BMP).
- Include error handling for cases where the image file cannot be loaded.
- The output should be well-formatted and easy to read.

Example: For an RGB image of size 800 × 600 pixels and file size of 150 KB, your program should output something like:

Image Attributes:

- Dimensions: 800 × 600 pixels
- Color Channels: 3 (RGB)
- File Size: 150 KB
- Mean Pixel Intensity (R, G, B): 123.4, 120.6, 118.9
- Image Type: Colored