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## Error 1

```
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FileNotFoundError                                Traceback (most recent call last)
Cell In[1], line 4
      1 from PIL import Image
      3 # Trying to open a file that does not exist
----> 4 img = Image.open("image123.png")

File ~\anaconda3\Lib\site-packages\PIL\Image.py:3469, in open(fp, mode, formats)
      3466 filename = os.path.realpath(os.fspath(fp))
      3468 if filename:
-> 3469     fp = builtins.open(filename, "rb")
      3470     exclusive_fp = True
      3471 else:

FileNotFoundError: [Errno 2] No such file or directory: 'C:\\Users\\dell\\Edge Intelligence\\image123.png'

Fix Code
```

Explanation: This error typically occurs during preprocessing. It was fixed by correcting file paths, removing corrupted files, or adjusting code logic.

## Error 2

```
-----
FileNotFoundError                                Traceback (most recent call last)
Cell In[2], line 6
      3 # Simulate loading a corrupted or non-image file
      4 path = "broken_img.png" # this file MUST be corrupted or not a real image
----> 6 img = Image.open(path)

File ~\anaconda3\Lib\site-packages\PIL\Image.py:3469, in open(fp, mode, formats)
      3466 filename = os.path.realpath(os.fspath(fp))
      3468 if filename:
-> 3469     fp = builtins.open(filename, "rb")
      3470     exclusive_fp = True
      3471 else:

FileNotFoundError: [Errno 2] No such file or directory: 'C:\\Users\\dell\\Edge Intelligence\\broken_img.png'

Fix Code
```

Explanation: This error typically occurs during preprocessing. It was fixed by correcting file paths, removing corrupted files, or adjusting code logic.

## Error 3

```
-----
ValueError                                        Traceback (most recent call last)
Cell In[4], line 7
      4 X = np.empty((0,))
      6 # Force reshape into image
----> 7 X = X.reshape(1, 128, 128, 3)

ValueError: cannot reshape array of size 0 into shape (1,128,128,3)

Fix Code
```

Explanation: This error typically occurs during preprocessing. It was fixed by correcting file paths, removing corrupted files, or adjusting code logic.

#### Error 4

```
-----  
TypeError                                Traceback (most recent call last)  
Cell In[5], line 5  
      2 img = None  
      4 # Try to normalize  
----> 5 img = img / 255.0  
  
TypeError: unsupported operand type(s) for /: 'NoneType' and 'float'  
  
Fix Code
```

Explanation: This error typically occurs during preprocessing. It was fixed by correcting file paths, removing corrupted files, or adjusting code logic.

#### Error 5

```
-----  
ValueError                                Traceback (most recent call last)  
Cell In[9], line 7  
      4 img = np.zeros((128, 128))  
      6 # Try converting to RGB incorrectly → triggers error  
----> 7 img = np.array(img).reshape(128, 128, 3)  
  
ValueError: cannot reshape array of size 16384 into shape (128,128,3)  
  
Fix Code
```

Explanation: This error typically occurs during preprocessing. It was fixed by correcting file paths, removing corrupted files, or adjusting code logic.

#### Error 6

```
-----  
IndexError                                Traceback (most recent call last)  
Cell In[10], line 8  
      6 # Trying to access index 5 → out of range  
      7 i = 5  
----> 8 images.append(files[i])  
  
IndexError: list index out of range  
  
Fix Code
```

Explanation: This error typically occurs during preprocessing. It was fixed by correcting file paths, removing corrupted files, or adjusting code logic.