

# CODE

**#First**

```
from PIL import Image
pic = Image.open("/content/AI project image.jpeg")
print(pic)
pic.size
```

**#Second**

```
x, y = pic.size
x //= 2
y //= 2
smaller = pic.resize((x, y))
print(smaller)
```

**#Third**

```
from PIL import ImageFilter
edges = pic.filter(ImageFilter.FIND_EDGES)
print(edges)
```

**#Fourth**

```
bands = edges.split()  
bands[0]
```

**#Fifth**

```
outline = bands[0].point(lambda x: 255 if x<100 else  
0)  
outline
```

**#Sixth**

```
outline.save("revised pic.png")
```

# Explanation

1. Import the image into the google collab notebook.



Original picture

2. Resize the pic into half its size.



Miniaturized picture

3. Highlights the edges of the picture for further editing

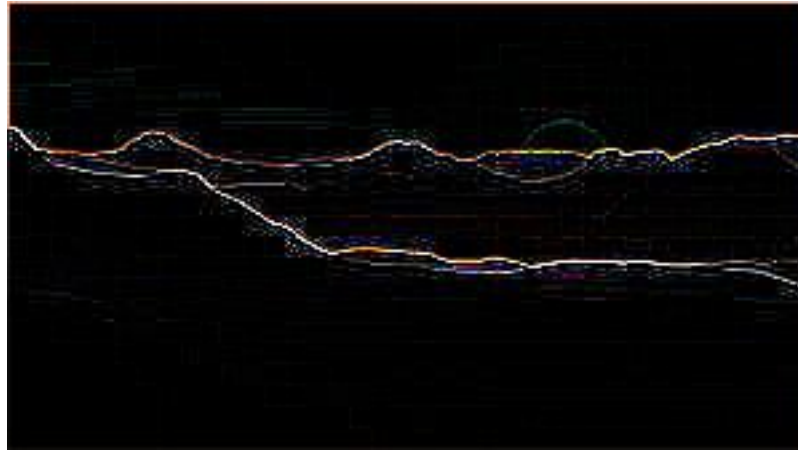


Image with highlighted edges

4. Removes extraneous details and leaves clear lines for better visibility.

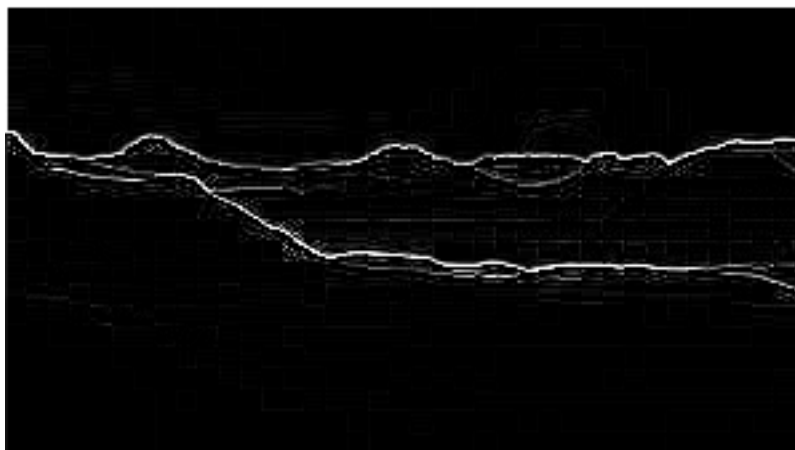
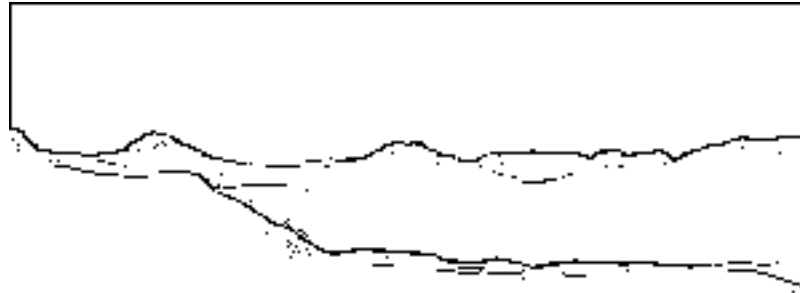


Image with clear demarcations

5. Converts the image into black and white format and makes it clear



Clear edited image

6. Saves the picture in its revised format

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