LetsGrowMore Data Science Internship

Beginner Level - TASK 4

Image to Pencil Sketch with Python

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```
In [13]: #Importing Libraries
import cv2
import matplotlib.pyplot as plt
```

Read the image in RBG format

Converting the image to GrayScale Image

Inversion of the Grayscale image

Blurring the Inverted Grayscale

Out[16]:

Inverting the blurred Inverted Grayscale

```
cv2.imshow("Inverting the Blur Inverted Greyscale", Inverted_image)
cv2.waitKey(0)
```

Out[18]: -1

Pencil sketch

Done by mixing the grayscale image with the inverted blurry image.

Displaying both the original image and the pencil sketch