Lab Assignment 1 - DA24C026
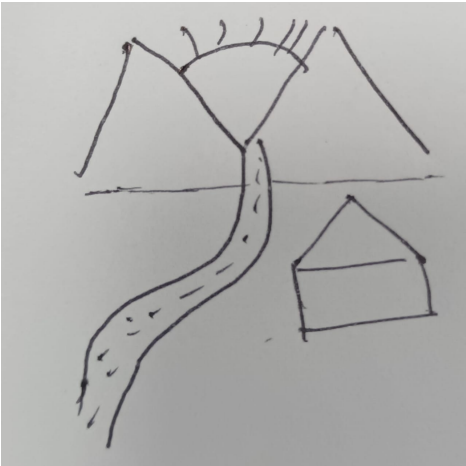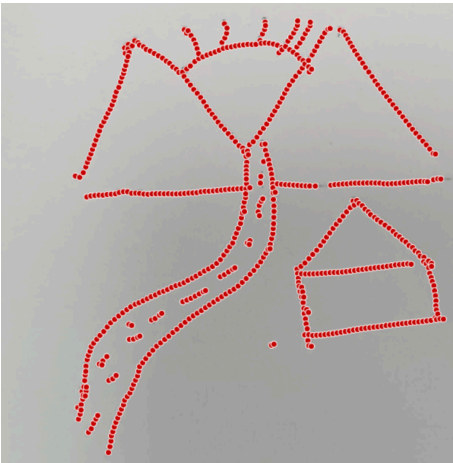
Line Sketch

Data Acquisition

Data points plotting

Data Points Coordinates (CSV file)

Python Code (in .py file)

Output

Original Dataset - ScatterPlot
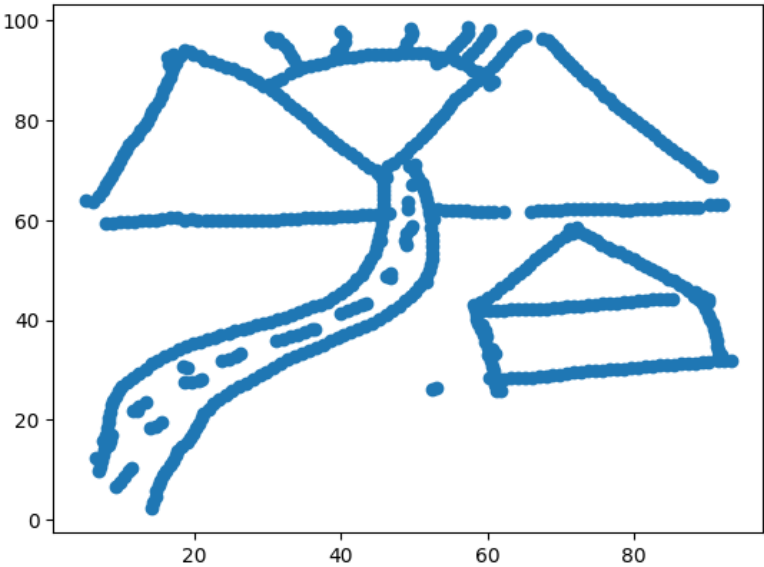
Sparse Matrix Visualisation

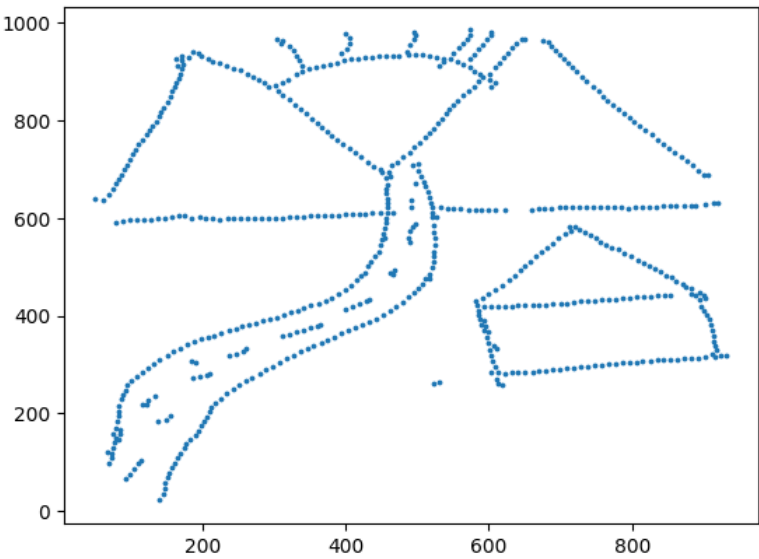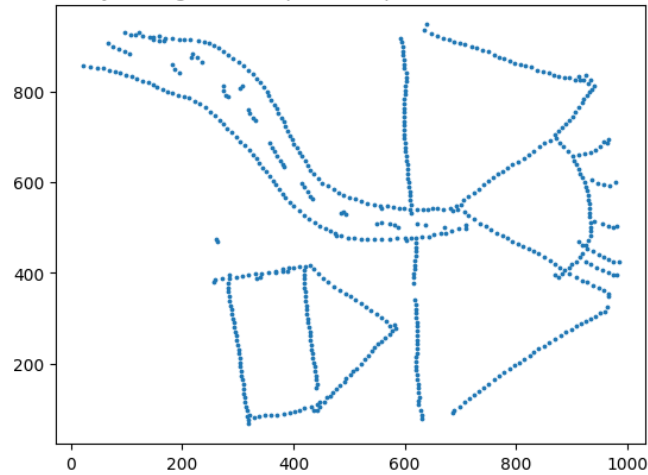# 90 Degree rotation Output

Rotation by 90 degree (Transpose + Flip transformations) - Scatter plot

Horizontal Flipped Output

Flipped Matrix Scatter plot