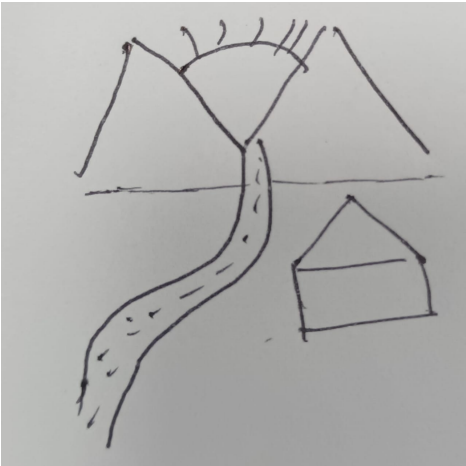


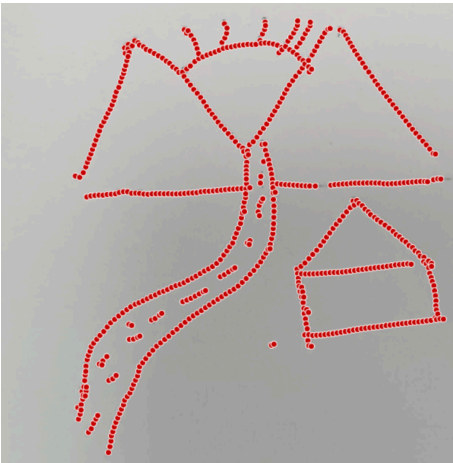
Lab Assignment 1 - DA24C026

Line Sketch



Data Acquisition

Data points plotting



Data Points Coordinates (CSV file)

Acquired Data

Dataset: Default Dataset

Variables: X, Y

5.136382208093375, 63.91258422917357

6.654555610194132, 12.241603645648794

6.188900934061406, 63.62234828113287

6.8710922126082306, 9.662328550479117

7.251145949249414, 10.773770191351247

7.451935345315858, 12.894267632930294

7.61763535909572, 15.80662841364375

7.445132055885081, 11.691436411512996

7.812581329501674, 14.121204986487129

7.90062206438018, 14.940366067547004

7.022260902718811, 64.65951392192443

8.006847482709942, 16.867974682082377

8.189135075799753, 18.255477143954522

8.303242809660743, 19.490642319008003

7.589692635212343, 65.93863969178273

8.440014729960618, 21.46494449141258

8.408961219357424, 20.307019605145007

7.95357834125006, 59.21932204702127

8.58784635311674, 15.930637261545868

Copy to Clipboard

Download .CSV

Graph in Plotly*

Close

Sort

Sort by: Raw

Order: Ascending

Format

Number Formatting:

Digits: 5 Ignore

Column Separator: ,

Format

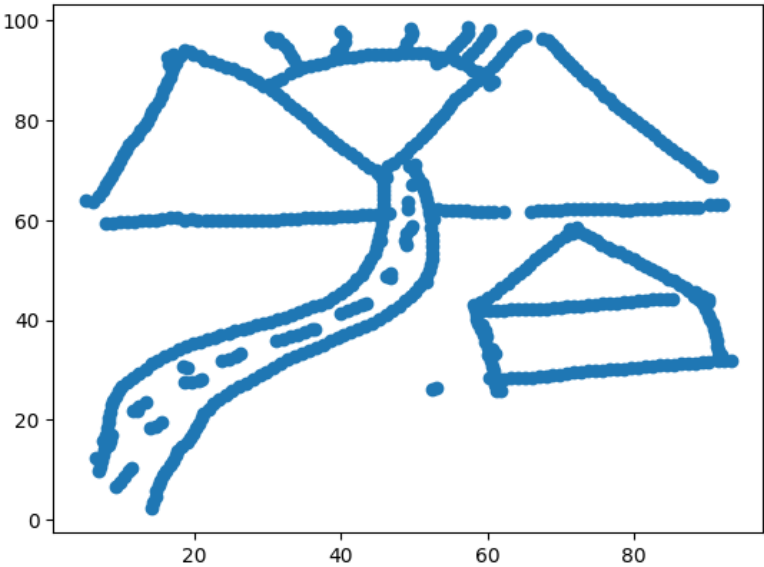
*Plotly is a secure data analysis and graphing site with data sharing and access controls.

Visit <http://plot.ly> for details.

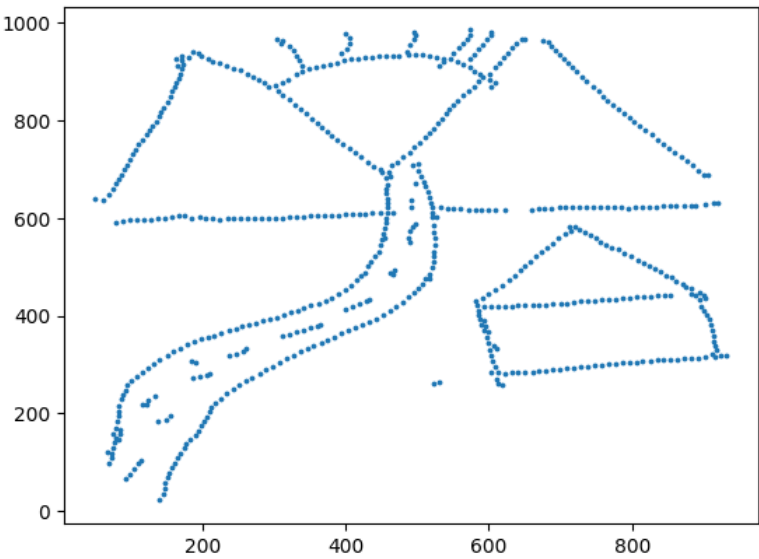
Python Code (in .py file)

Output

Original Dataset - ScatterPlot

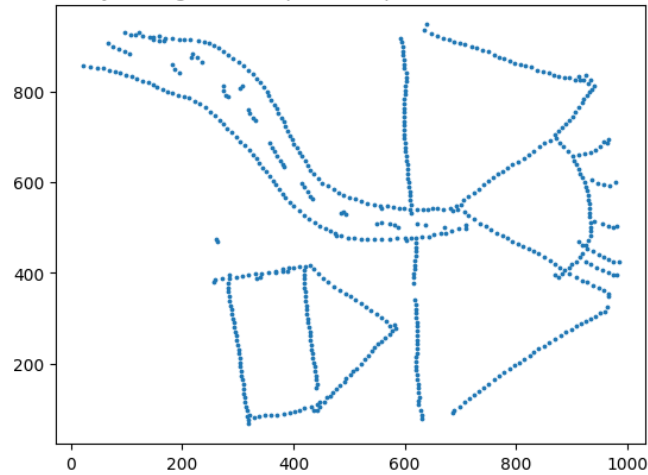


Sparse Matrix Visualisation



90 Degree rotation Output

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



Horizontal Flipped Output

Flipped Matrix Scatter plot

