

Weekly Summary (1st Week)

What I did:

- Created a GIT repository
- Looked through all the basic commands such as commit, push, pull, check out, branch, etc.,
- MATLAB installation, basic syntax and operations
- General steps and workflow involved in data analytics
- Importing data from a CSV file and extracting the required data
- Different types of plots such as scatter, box, histograms, correlation plots etc., their commands and possible scenarios on where they might be useful
- Obtaining data insights using the data statistics option
- Played around with different options available in post processing of plots like adding colours, axes, legends using the property inspector option while plotting
- Basic idea on what a function is and how to define one, data structures and loops

Problems I faced:

- Most MATLAB tutorials present online were old (pre-2013). So, changes in syntax led to some confusion.

Possibilities for future tasks:

- Performing actual parametric study with real data and trying out which plot options are most useful in actual applications to strengthen the concepts I learned in the previous week