**ML Progress Report**

Statistics :- Chapter 1 - The nature of probability and statistics (Descriptive and Inferential statistics, Variable and types of data, Data collection and sampling techniques)

Chapter 2 - Frequency distribution and graphs

Chapter 3 - Data Description (Mean, mode , median, midrange, weighted mean, distribution shapes, variance and standard deviation, coefficient of variation, Chebyshev theorem, the empirical rule, Standard scores, percentiles, quartiles, deciles and outliers),

Chapter 4 - Probability (Multiplication rules and Conditional probability)

Chapter 5 - Discrete Probability Distribution

Numpy :- Chapter 1 - Introduction to Numpy

Chapter 2 - The Numpy ndarray object (Array indexing and slicing, Views and copies, Creating arrays, Arrays datatypes)

Chapter 3 – Using Numpy Arrays (Vectorised operations, Universal functions, Broadcasting and shape manipulation, A Boolean mask and helper function)