

Mail Classifier
Programming Club Summer Project, 2017

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1 Week 1

1. Revised the basic commands of python including commands for printing of output, taking the input, reading and writing files, loops, conditional statements etc.
2. Learnt advanced concepts of python like classes, objects etc. and started off with object oriented programming.

2 Week 2

1. Started the machine learning course on coursera by andrew ng. Completed learning concepts like supervised, unsupervised learning, linear regression in one variable, linear regression in multiple variables, Logistic Regression, Regularization etc.

3 Week 3

1. Continued with the andrew ng course on coursera. Completed learning the concept of neural networks.
2. Started the machine learning course on udacity (ud 120). Learnt how to implement naive bayes algorithm in python. Used the naive bayes classifier in python to classify the emails and predict the author of a given email.

4 Week 4

1. Continued the course on udacity. Completed topics like Support Vector Machines, Decision Trees, Regressions etc. Wrote some code to classify emails and predict the author of a given email using Support Vector Machines and Decision Trees.
2. Learnt the application of linear regression in python.