**Data Preprocessing**  
  
**Regression Techniques**  
Simple Linear Regression  
Multiple Linear Regression  
Polynomial Linear Regression  
Support Vector Regression  
Decision Tree Regression  
Random Forest Regression  
Evaluating Regression Model Performance  
  
**Classification Techniques**  
K-Nearest Neighbors (KNN)  
Support Vector Machine (SVM)  
Kernel SVM  
Naïve Bayes Classification  
Decision Tree Classification  
Random Forest Classification  
Evaluating Classification Model Performance  
  
**Natural Language Processing (NLP)**  
Basic of NLP  
Language preprocessing Techniques  
Auto summarizing the given text document  
  
**Clustering Techniques**  
K-Means Clustering  
K-mini Batch Clustering  
Hierarchical Clustering  
  
**Elbow Method**  
  
**Curve Smoothening Techniques**  
  
**Association Rule Learning**  
  
**Reinforcement Learning**  
  
**Basics of Numpy and panda**  
  
**Deep Learning**  
Basics/what is Deep Learning  
  
**Artificial Neural Networks**  
  
**Dimension Reduction Techniques**  
Principal Component Analysis (PCA)   
Linear Discriminant Analysis (LDA)  
  
**Statistics Basics**  
Standard Deviation  
Variance  
Co-Variance  
T-distribution  
Pearson Correlation Coefficient (PCC)/ Correlation Coefficient