Unit V Data Analytics and Model Evaluation

Sr. No.	Topic	Resources
1.	Clustering Algorithms: K-Means	**Link**
2.	Hierarchical Clustering	**Link**
3.	Time-series analysis	**Link**
4.	Introduction to Text Analysis: Text-preprocessing, Bag of words, TF-IDF and topics	**Link**
5.	Need and Introduction to social network analysis	**Link**
6.	Introduction to business analysis	**Link**
7.	Model Evaluation and Selection: Metrics for Evaluating Classifier Performance	**Link**
8.	Holdout Method and Random Sub sampling	**Link**
9.	Parameter Tuning and Optimization	**Link**
10.	Result Interpretation	**Link**
11.	Clustering and Time-series analysis using Scikit- learn	**Link**
12.	Sklearn	**Link**
13.	Metrics	**Link**
14.	Confusion matrix	**Link**
15.	AUC-ROC Curves	**Link**
16.	Elbow plot	**Link**