Module1: Data Warehousing Fundamentals

(Priority 1):

1. What is Data warehouse +Architecture [DM vs DW Difference.]
2. Dimension modeling (star, snowt flake, fact).
3. Explain ETL
4. Explain OLAP Operation with Diagram

(Priority 2 [Bonus]):

5. Meta data + Types.
6. OLAP v/s OLTP Difference
7. Explain Types of OLAP

Module 2: Introduction to Data Mining, Data Exploration and Data Pre-processing

(Priority 1):

1. Data mining Architecture + KDD
2. Steps in Data pre-processing.

Module 3: Classification

(Priority 1):

1. Numerical Based on Navy Baye's
2. Explain Decision tree and Numerical Based on Decision tree

Module 4: Clustering

(Priority 1):

1. Numerical Based on K-Mean clustering.
2. Numerical Based on Agglomerative clustering

Module 5: Mining frequent patterns and associations

(Priority 1):

1. Numerical Based on Apriori
2. Numerical Based on FP Tree

Module 6:Web Mining

(Priority 1):

1. Explain Web mining
2. Explain Technique web structure mining
3. HITS Algorithm