Aditya College of Engineering & Technology
Data Mining & Data Warehousing

III-CSE 'F'   **MID –Important Questions**

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1.   What is Data Mining and explain the KDD process elaborately?

2.   Write about Data Mining Techniques briefly? What is a Data Cube?

3.   What is the need of Dimensionality reduction? Explain techniques used for dimensionality reduction?

4.   Explain the Data ware house architecture?

5.   Write about OLAP operations with examples?

6.   Explain the Star, Snowflake and Fact Constellation schemas in data warehouse?

7.   Suppose a distribution of sales {5,10,11,13,15,27,35,50,55,67,72,97,101,110,115,204, 210,215} given then

   find bins using a) Equal-frequency partitioning

   b) Equal-width partitioning

   c) Clustering

8.   Explain about concept hierarchy in Data Mining? What is Aggregation and Generalization role in data analysis?

9.   Explain the Data Pre-Processing techniques in Data Mining?

10.   Explain the ETL Process in Data Warehouse? How Data Integration achieved in Warehouse?

11.   Use the group data (102,115, 145, 176, 200,240,260,320,345,460,480,620,650)

   a) min-max normalization by setting min=0 and max=1

   b) z-score normalization

   c) z-score normalization using mean absolute deviation instead of STD