

# CCE-417 Data Warehousing and Mining

All files (books or slides) are linked to the title or the name

**Book: Data Mining: Concepts and Techniques**

**Murad Sir**

**Chapter 1 : Introduction**

**Chapter 2 : Getting to Know Your Data**

**Chapter 3 : Data Preprocessing**

**Slides:**

- What is Chi-Square Test
- explanation significance table
- Chi\_Square\_Test\_Real\_Examples 19-6-25 with calculation

**Sarna Ma'am**

\*\*\* Exercises and Previous Questions

**Book: Data Mining: Concepts and Techniques**

**Chapter 6 : Mining Frequent Patterns, Associations, and Correlations: Basic Concepts and Methods**

**Chapter 8 : Classification: Basic Concepts**

- ID3
- DT-C4.5+CART
- Boosting (AdaBoost)

**Chapter 10 : Cluster Analysis: Basic Concepts and Methods**

**Partitioning Methods**

- K-Clustering
- k-Means, k-Medoids

**Density-Based Methods**

- HAC
- BIRCH
- DBSCAN

**Grid-Based Methods**

- 10.5.1
- 10.5.2 CLIQUE

**Chapter 12 : Outlier Detection**

**Outliers Types:**

- Global
- Contextual
- Collective