**Data Visualization - Analysis and Reporting**

**Module End Exam**

Mark:40 Time : 90 min

**1. Problem Statement**

This dataset could be used to explore the current market scenario for Televisions. There are various types of screens with different operating systems offered by several manufacturers at competitive prices. Some questions this dataset could be used to answer are -

* Demand for different types of televisions and Number of Players in the market
* Which are the top 5 brands for television?
* Which brand has the highest number of products i.e. television ?
* Are televisions with higher ratings more expensive?
* Average Selling Price by Brand
* Create Rating histogram and draw rating wise conclusion

**About the dataset:**

This dataset contains 912 samples with 7 attributes. There are some missing values in this dataset.

Here are the columns in this dataset-

**Brand:** This indicates the manufacturer of the product i.e. Television

**Resolution:** This has multiple categories and indicates the type of display i.e. LED, HD LED, etc.

**Size:** This indicates the screen size in inches

**Selling Price:** This column has the Selling Price or the Discounted Price of the product

**Original Price:** This includes the Original Price of the product from the manufacturer.

**Operating system:** This categorical variable shows the type of OS like Android, Linux, etc.

**Rating:** Average customer ratings on a scale of 5.

**2. Problem Statement**

**Questions**

* Which factor influenced a candidate in getting placed?
* Does percentage matters for one to get placed?
* Which degree specialization is much demanded by corporate?
* Play with the data conducting all statistical tests.

**About the dataset:**

This data set consists of Placement data of students in a XYZ campus. It includes secondary and higher secondary school percentage and specialization. It also includes degree specialization, type and Work experience and salary offers to the placed students.

**The dataset Introduction:**

This Placement dataset contains 216 samples with 15 attributes. There are some missing values in this dataset.

Here are the main columns in this dataset-

**Salary, Senior Secondary and Higher Secondary Board and Percentage, Work Experience, Test Mark, MBA Marks & Specialization and Salary**.