# SEMESTER PRACTICALS

# DATA WAREHOUSING AND DATA MINING

**U18CSI6203L**

**Roll No: 18BCS038**

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**Experiment:**

Create a random dataset of 30 elements with x and y variables using random function between 30 to 80 integers for x and 60 to 100 integers for y.

Apply K- means clustering to cluster the data into 2 clusters. Plot the graph and display the result.

Use Tkinter GUI to Display the Results.

**Dataset Description:**

Dataset: Indian startup funding.

**Link for the Dataset:**

<https://www.kaggle.com/sudalairajkumar/indian-startup-funding>

**Attribute Description:**

Date - Numerical(discrete)

Start up name - Non numerical (Nominal )

Industry veritical(main topic)-Non numerical (Nominal )

Sub vertical-Non numerical (Nominal )

City - Non numerical (Nominal )

Investor name - Non numerical (Nominal )

Investment type - Non numerical (ordinal )

Amount-Numerical(discrete)

**GitHub Link for code:**

[**https://github.com/PRAGATHIRAM/18BCS038-DWDM-SEM-PRACTICAL**](https://github.com/PRAGATHIRAM/18BCS038-DWDM-SEM-PRACTICAL)

**Output:**





