



ANJUMAN-I-ISLAM'S KALSEKAR TECHNICAL CAMPUS
School of Engineering & Technology

Affiliated to : University of Mumbai, Recognised by : DTE (Maharashtra) & Approved by : AICTE (New Delhi)

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Class: BE-CO	Batch: 01
Roll no: 18CO48	Experiment No: 04

Aim: Exploratory Data Analysis and visualization of Social Media Data for business..

Code:

```
!pip install networkx
```

```
import networkx
```

```
G = networkx.Graph()
```

```
G.add_node(1)
```

```
G.add_node(2)
```

```
G.add_node(3)
```

```
G.add_node(4)
```

```
G.add_node(5)
```

```
G.nodes()
```

```
G.add_edge(1,2)
```

```
G.add_edge(1,2)
```

```
G.add_edge(1,3)
```

```
G.add_edge(4,3)
```

```
G.add_edge(4,3)
```

```
G.add_edge(5,4)
```

```
G.add_edge(2,3)
```

```
G.edges()
```

```
import networkx as nx
```

```
G = nx.Graph()
```

```
G.nodes()
```

```
G.edges()
```

```
import matplotlib.pyplot as plt
```

```
nx.draw(G)
```

```
plt.show()
```

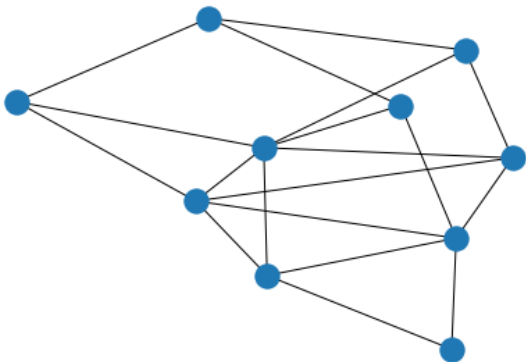
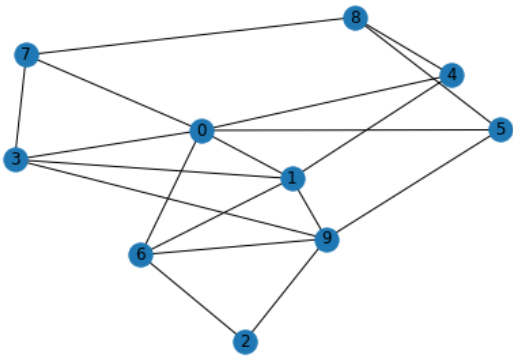
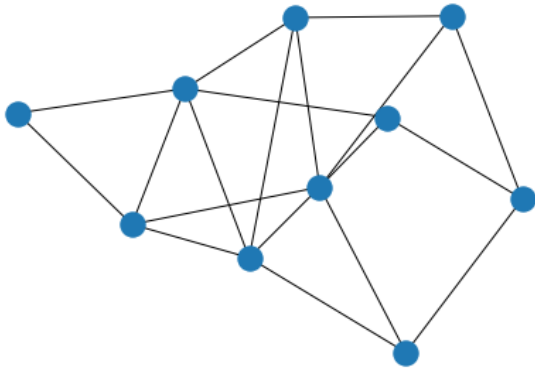
```
nx.draw(G,with_labels=1)
```

```
plt.show()
```

```
G = nx.gnp_random_graph(10,0.5)
```

```
nx.draw(G)
```

Output:



Conclusion: We have successfully plotted the graphs for the analysis of Social Media Data.