**Hierarchical-Clustering-T-sne**

This project is to understand the implementation of hierarchical clustering and T-sne

**Library used.**

1. pandas
2. numpy
3. os
4. matplotlib and inline
5. seaborn
6. pipeline
7. sklearn.cluster import KMeans
8. scipy.cluster.hierarchy import linkage, dendrogram

**Dataset used is :**

company stock

**Steps Involved**

1. Importing the required Libraries
2. Reading the Dataset File
3. Exploring the data to find missing values
4. Treating the Missing Values
5. Clustering stocks using KMeans¶
6. Hierarchies of stocks
7. T-SNE map of the stock market

**Summary: In this Project we have succesfully implemented hierarchical clustering and T-sne.**