3 - FACEBOOK METRICS: CREATE, MERGE, SORT…

1. import pandas as pd …nothing
2. df = pd.read\_csv('dataset\_Facebook.csv',delimiter=';') …nothing
3. df ..o/p starts
4. df.describe()

Create Data Subsets

1. # First subset: Like and Share

df\_subset\_1 = df[['like','share']]

df\_subset\_1

1. # second subset: Comment and Type

df\_subset\_2 = df[['comment','Type']]

df\_subset\_2

Merge Data

1. merged\_data = pd.merge(df\_subset\_2, df\_subset\_1, left\_on='comment', right\_on= 'like')

merged\_data

Sort Data

1. # Sorting merged\_data in descending order wrt 'Like'

merged\_data.sort\_values(by=['like'],ascending=False)

Transposing Data

1. # Method 1

merged\_data.transpose()

Shape and Reshape Data

1. df
2. df.Type.unique()
3. # Reshape

# Comment is id\_vars and Type is value\_vars

pd.melt(df, id\_vars =['Type'], value\_vars =['comment'])