**PYTHON CODE**

**\*\*\* trying to reduce respose time of the code\*\*\*\*\*\***

pip install streamlit

from streamlit import caching

caching.clear\_cache()

Import pandas as pd

Import pyxlsb

python\_file=pd.read\_excel("C://Users//Arjun//Desktop//Combination\_Data.xlsx")

python\_file.head()

python\_file["Company Share FY18(N-1)"] = python\_file['Company FY18 Revenue'].groupby(python\_file['N-1']).transform('sum')/python\_file['Industry FY18 Revenue'].groupby(python\_file['N-1']).transform('sum')

python\_file["Company Share FY19(N-1)"] = python\_file['Company FY19 Revenue'].groupby(python\_file['N-1']).transform('sum')/python\_file['Industry FY19 Revenue'].groupby(python\_file['N-1']).transform('sum')

python\_file["Delta Share(N-1)"] = python\_file['Company Share FY19(N-1)']-python\_file['Company Share FY18(N-1)']

python\_file.iloc[1:100,:]

python\_file.to\_csv('n-1 decision\_point.csv')