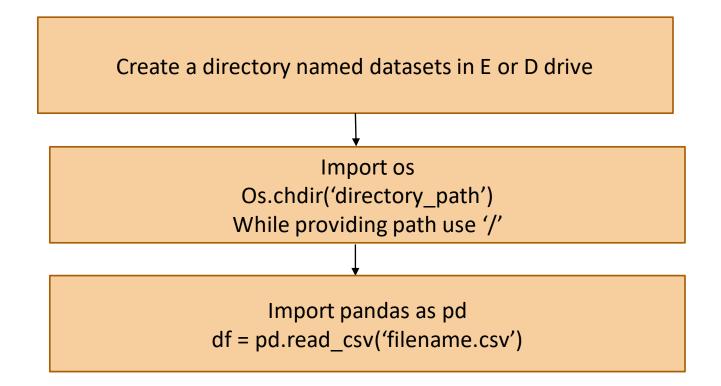# DataFrame Operations 2

UTKARSH GAIKWAD

CLASS STARTING SHARP AT **01:05 PM**
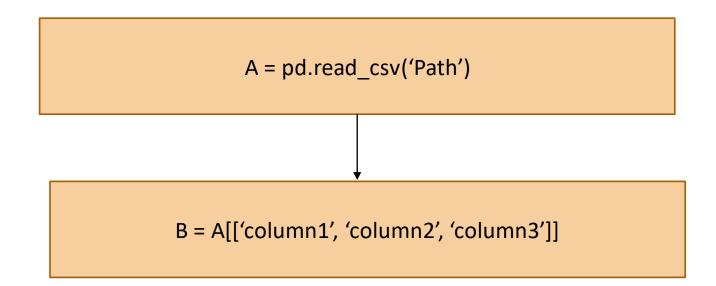
read_csv function

Basic functions in dataframe

➢ df.shape : Number of rows and columns

➢ df.columns : All the column names

➢ df.dtypes : All the datatypes in dataframe

➢ df.info() : Entire info about dataframe

➢ df.isna().sum() : Checking missing values

Saving subset values in different dataframe

A = pd.read_csv('Path')

B = A[['column1', 'column2', 'column3']]

Sorting values in dataframe

A = df.sort_values(by='columnName')

A = df.sort_values(by=['column1', 'column2'])

A = df.sort_values(by=['column1', 'column2'], ascending=False)

Aggregation operations in a dataframe

df.count()

df.sum()

df.mean()

df.max(), df.min()

Group by operations

df.groupby(by = 'columnName').count()

df.groupby(by = ['column1', 'column2']).sum()

df.groupby(by = ['column1', 'column2']).mean()

Find out cars types with average price less than 20

Thank you

PING ME ON SKYPE GROUP IF YOU HAVE ANY QUERIES

ONCE PRACTICAL DONE YOU CAN LEAVE FOR THE DAY THIS WAS LAST TOPIC