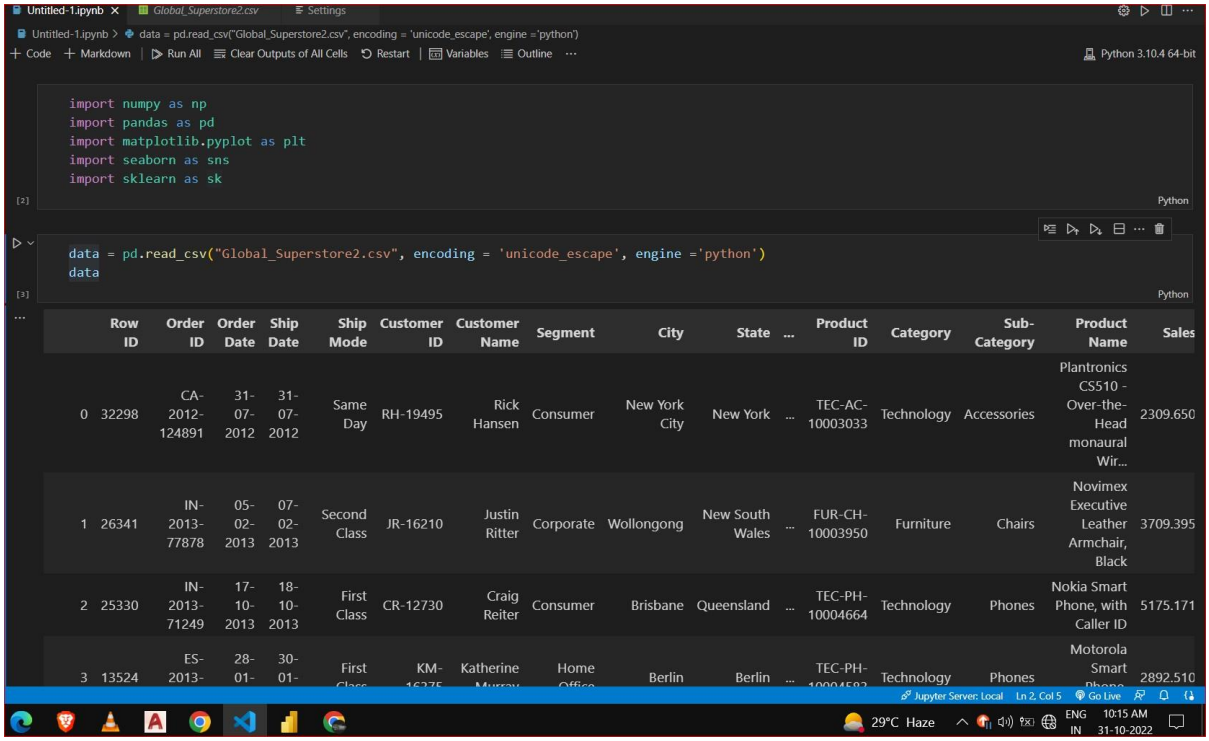
PROJECT DEVELOPMENT PHASE

DELIVERY OF SPRINT-1

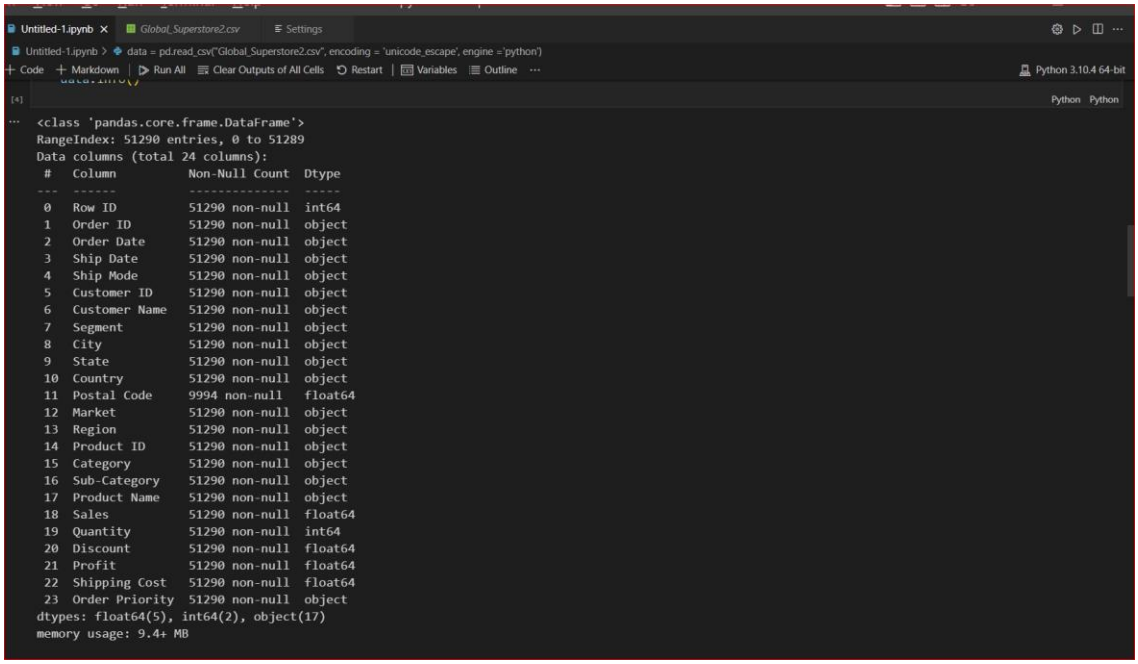
DATE	29 OCTOBER 2022
TEAM ID	PNT2022TMID15396
PROJECT NAME	Predicting the energy output of wind turbine based on weather condition
MAXIMUM MARK	4 Marks

- **Import library and load dataset in python**

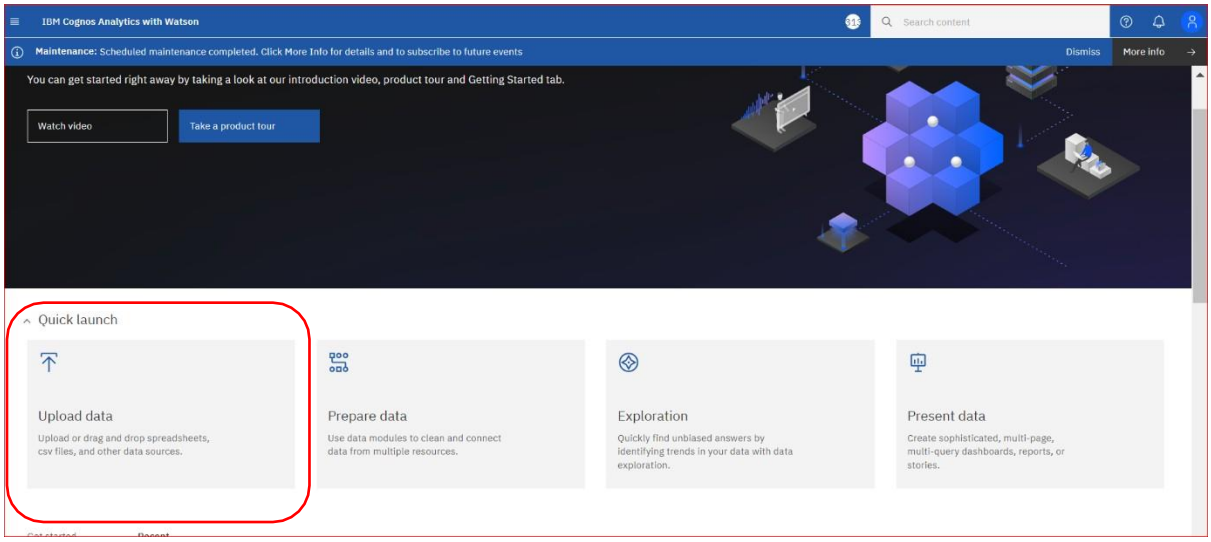


	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	City	State	...	Product ID	Category	Sub-Category	Product Name	Sales
0	32298	CA-2012-124891	31-07-2012	31-07-2012	Same Day	RH-19495	Rick Hansen	Consumer	New York City	New York	...	TEC-AC-10003033	Technology	Accessories	Plantronics CS510 - Over-the-Head monaural Wir...	2309.650
1	26341	IN-2013-77878	05-02-2013	07-02-2013	Second Class	JR-16210	Justin Ritter	Corporate	Wollongong	New South Wales	...	FUR-CH-10003950	Furniture	Chairs	Novimex Executive Leather Armchair, Black	3709.395
2	25330	IN-2013-71249	17-10-2013	18-10-2013	First Class	CR-12730	Craig Reiter	Consumer	Brisbane	Queensland	...	TEC-PH-10004664	Technology	Phones	Nokia Smart Phone, with Caller ID	5175.171
3	13524	ES-2013-	28-01-	30-01-	First	KM-	Katherine	Home	Berlin	Berlin	...	TEC-PH-	Technology	Phones	Motorola Smart	2892.510

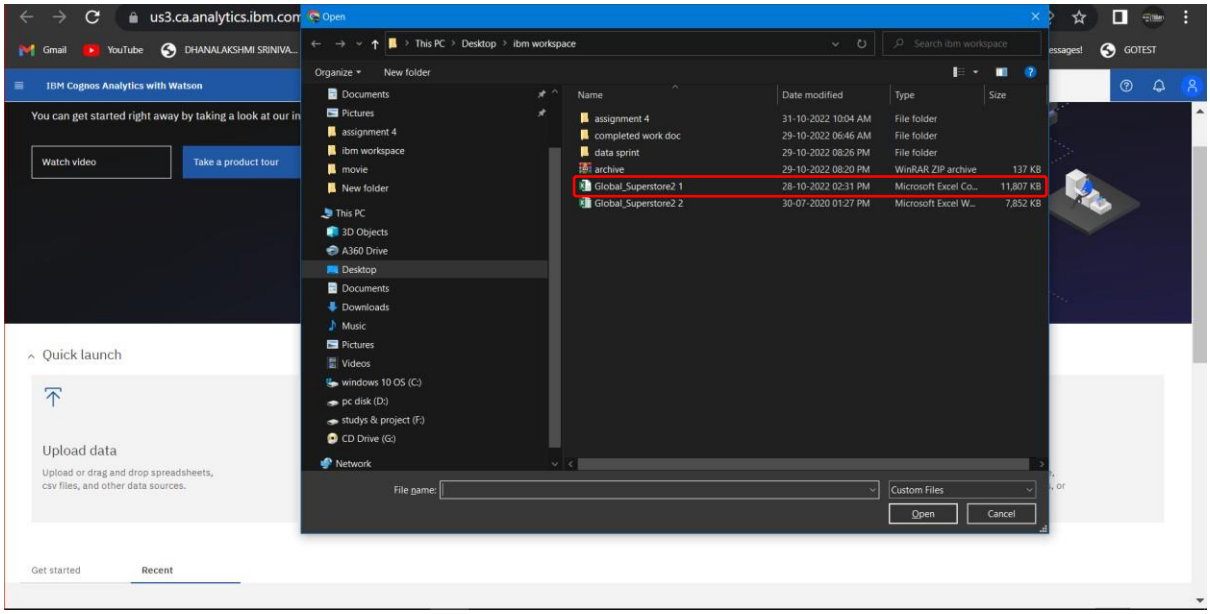
- **Understanding and Analyzing the dataset by using python library's**.


Untitled-1.ipynb
Global_Superstore2.csv
Settings
Untitled-1.ipynb > data = pd.read_csv("Global_Superstore2.csv", encoding = 'unicode_escape', engine ='python')
Code
Markdown
Run All
Clear Outputs of All Cells
Restart
Variables
Outline
Python 3.10.4 64-bit
[4]
Python
Python
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 51290 entries, 0 to 51289
Data columns (total 24 columns):
Column Non-Null Count Dtype
--- ------ -------------- -----
0 Row ID 51290 non-null int64
1 Order ID 51290 non-null object
2 Order Date 51290 non-null object
3 Ship Date 51290 non-null object
4 Ship Mode 51290 non-null object
5 Customer ID 51290 non-null object
6 Customer Name 51290 non-null object
7 Segment 51290 non-null object
8 City 51290 non-null object
9 State 51290 non-null object
10 Country 51290 non-null object
11 Postal Code 9994 non-null float64
12 Market 51290 non-null object
13 Region 51290 non-null object
14 Product ID 51290 non-null object
15 Category 51290 non-null object
16 Sub-Category 51290 non-null object
17 Product Name 51290 non-null object
18 Sales 51290 non-null float64
19 Quantity 51290 non-null int64
20 Discount 51290 non-null float64
21 Profit 51290 non-null float64
22 Shipping Cost 51290 non-null float64
23 Order Priority 51290 non-null object
dtypes: float64(5), int64(2), object(17)
memory usage: 9.4+ MB

- **OPEN IBM COGNOS ANALYTICS**



Load dataset "Global_Superstore2 1"in IBM COGNOS ANALYTICS



- Data loading successfully in IBM COGNOS