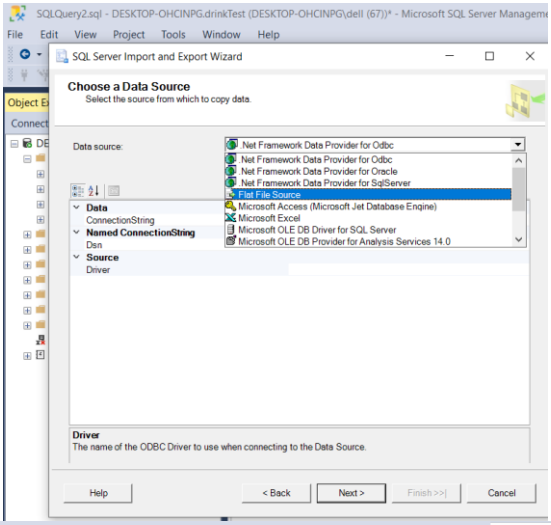
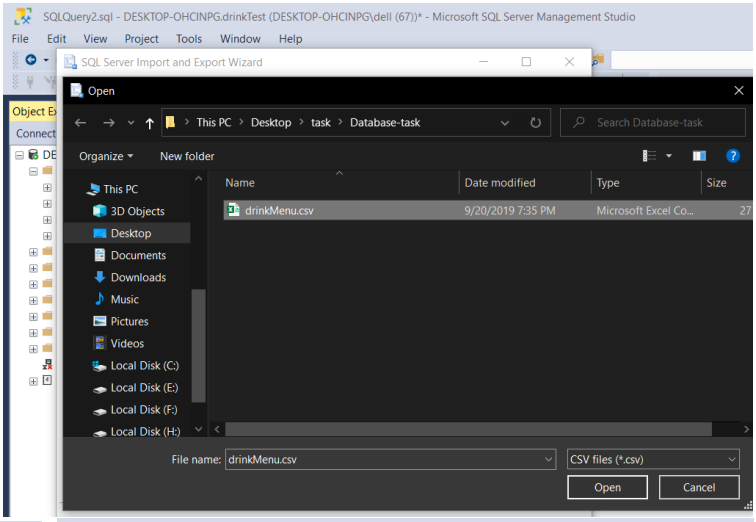
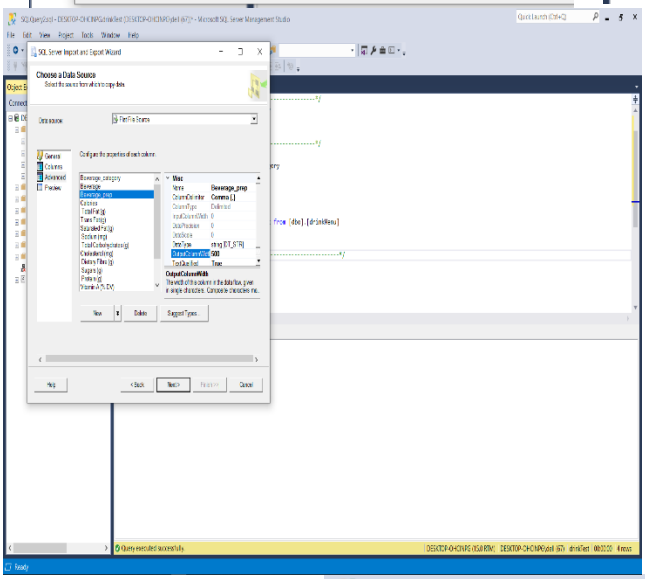
Database Task

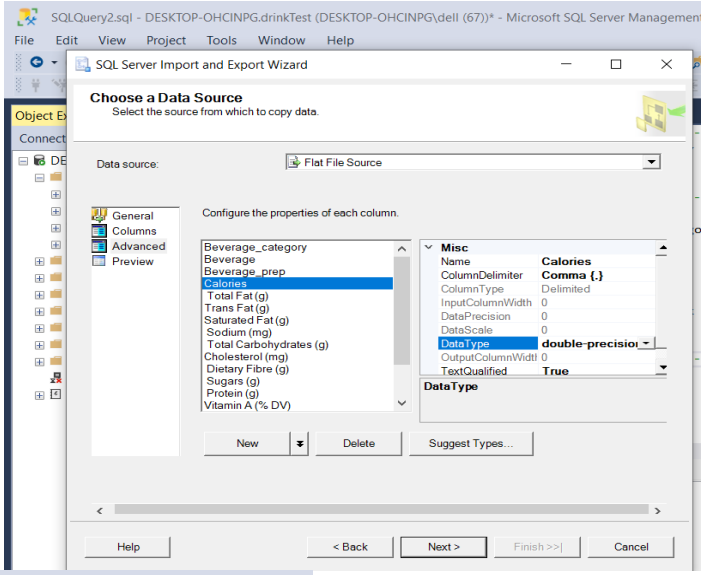
steps to import excel sheet to SSMS:

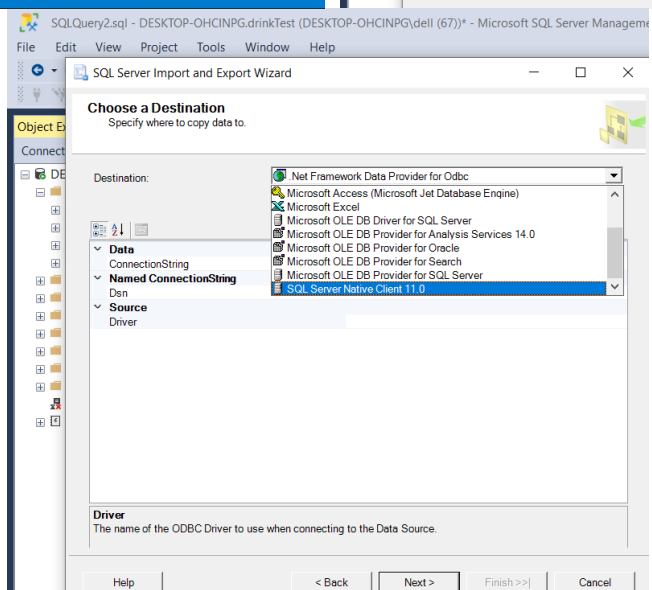
1- Create database
2- Import data



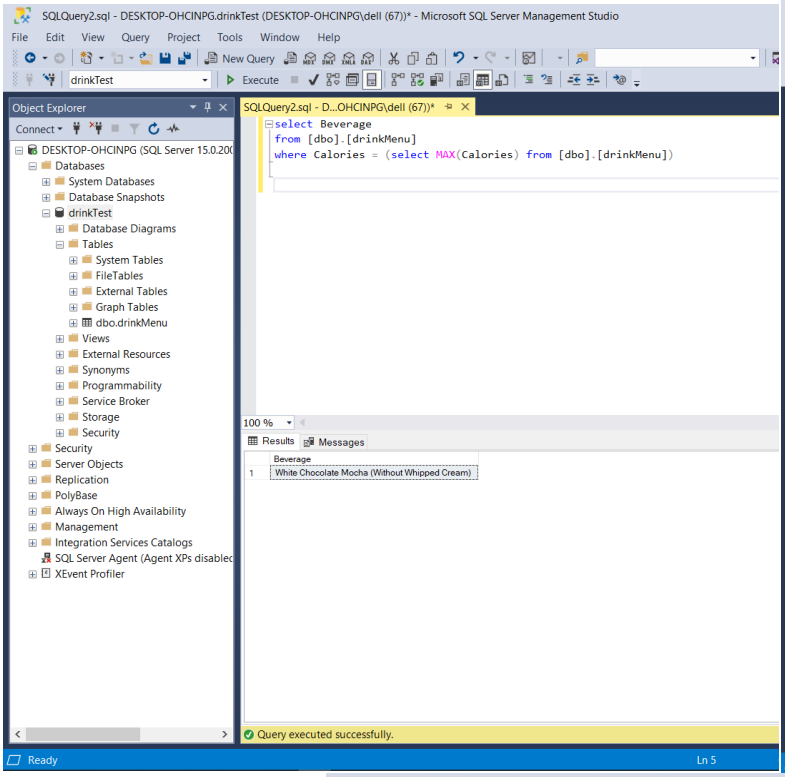


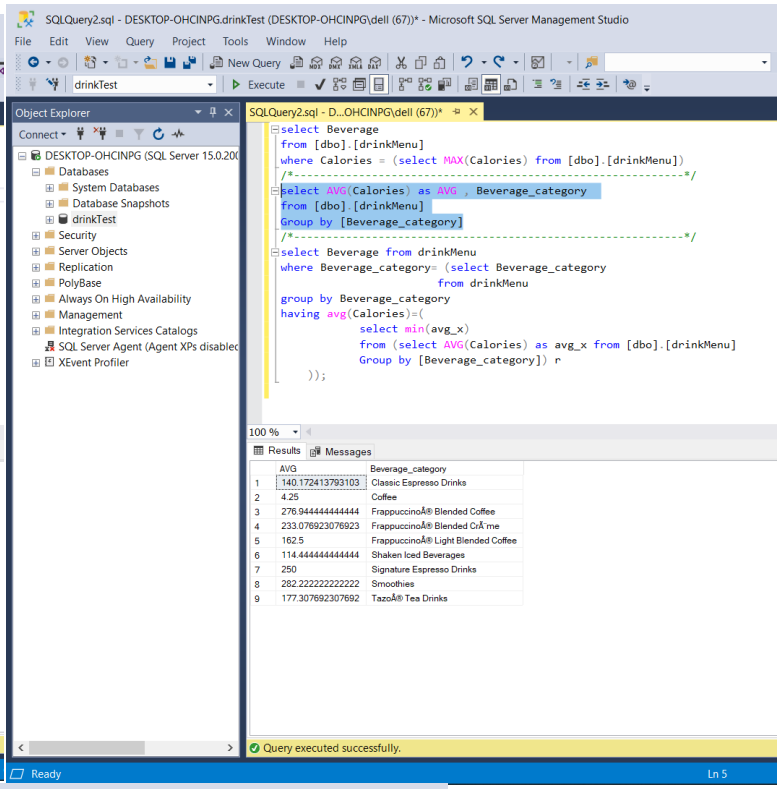


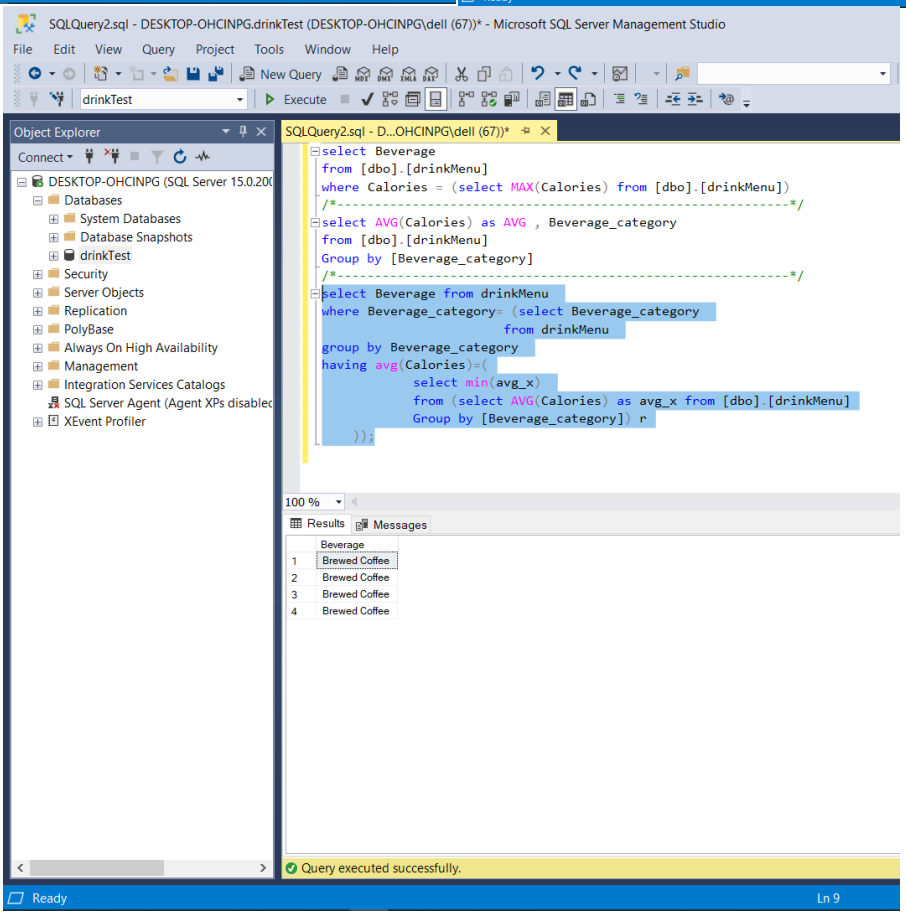




3- Apply SQL Queries







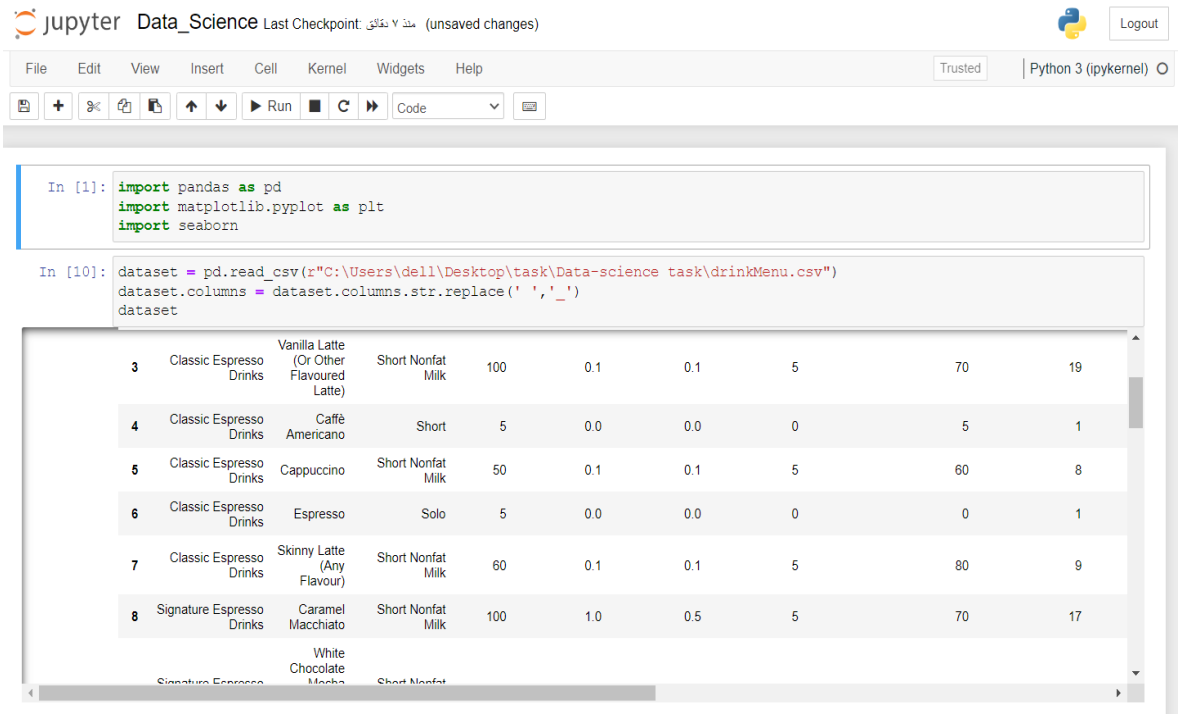
Data Science Task

Steps to import excel sheet to Jupyter Notebook:

1-open new python3 notebook

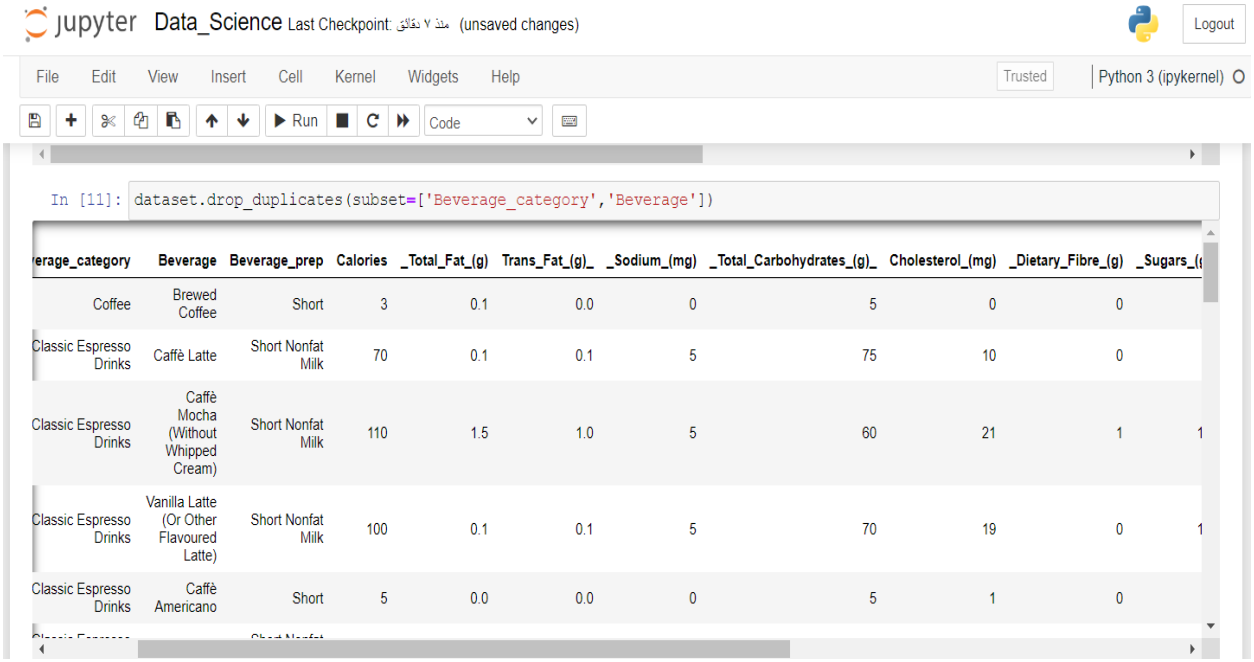
2-import the attached file

*Read csv file using pandas



3	Classic Espresso Drinks	Vanilla Latte (Or Other Flavoured Latte)	Short Nonfat Milk	100	0.1	0.1	5	70	19	
4	Classic Espresso Drinks	Caffè Americano	Short	5	0.0	0.0	0	5	1	
5	Classic Espresso Drinks	Cappuccino	Short Nonfat Milk	50	0.1	0.1	5	60	8	
6	Classic Espresso Drinks	Espresso	Solo	5	0.0	0.0	0	0	1	
7	Classic Espresso Drinks	Skinny Latte (Any Flavour)	Short Nonfat Milk	60	0.1	0.1	5	80	9	
8	Signature Espresso Drinks	Caramel Macchiato	Short Nonfat Milk	100	1.0	0.5	5	70	17	
	Signature Espresso	White Chocolate Mocha	Short Nonfat							

*Drop duplicate data



erage_category	Beverage	Beverage_prep	Calories	_Total_Fat_(g)	Trans_Fat_(g)_	_Sodium_(mg)	_Total_Carbohydrates_(g)_	Cholesterol_(mg)	_Dietary_Fibre_(g)	_Sugars_(
Coffee	Brewed Coffee	Short	3	0.1	0.0	0	5	0	0	
Classic Espresso Drinks	Caffè Latte	Short Nonfat Milk	70	0.1	0.1	5	75	10	0	
Classic Espresso Drinks	Caffè Mocha (Without Whipped Cream)	Short Nonfat Milk	110	1.5	1.0	5	60	21	1	1
Classic Espresso Drinks	Vanilla Latte (Or Other Flavoured Latte)	Short Nonfat Milk	100	0.1	0.1	5	70	19	0	1
Classic Espresso Drinks	Caffè Americano	Short	5	0.0	0.0	0	5	1	0	
Classic Espresso		Short Nonfat								

*Plot drink that has the highest calories

jupyter Data_Science Last Checkpoint: منذ ٧ دقائق (unsaved changes)

Logout

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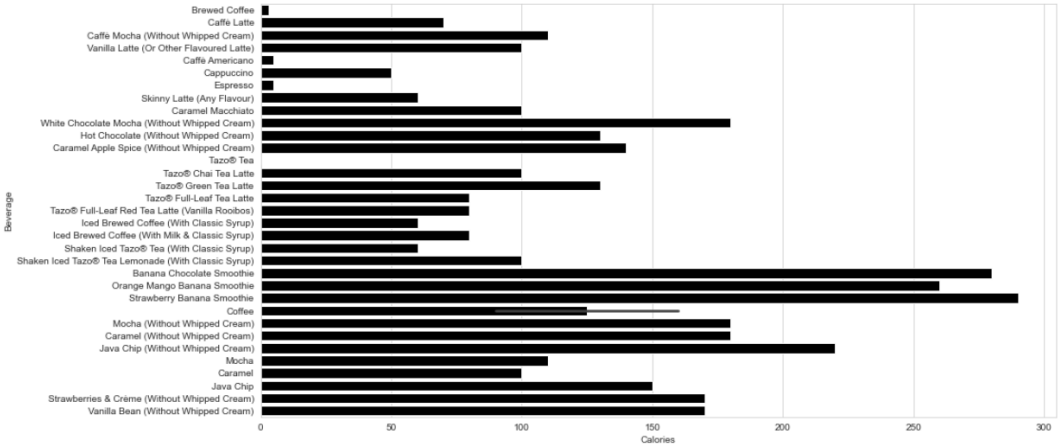
Trusted | Python 3 (ipykernel)

Run Code

```
In [12]: seaborn.set_style("whitegrid")
         res = seaborn.barplot(x=dataset['Calories'],y=dataset['Beverage'],color='black',)
         plt.gcf().set_size_inches(15,8)
```



*Plot Highest Sugar Drink

jupyter Data_Science Last Checkpoint: منذ ٧ دقائق (unsaved changes)

Logout

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Trusted | Python 3 (ipykernel)

Run Code

```
In [13]: dataset.columns = dataset.columns.str.replace(' ','_')
         seaborn.set_style("whitegrid")
         res = seaborn.barplot(x=dataset['_Sugars_(g)'],y=dataset['Beverage'],color='black',)
         plt.gcf().set_size_inches(15,8)
```