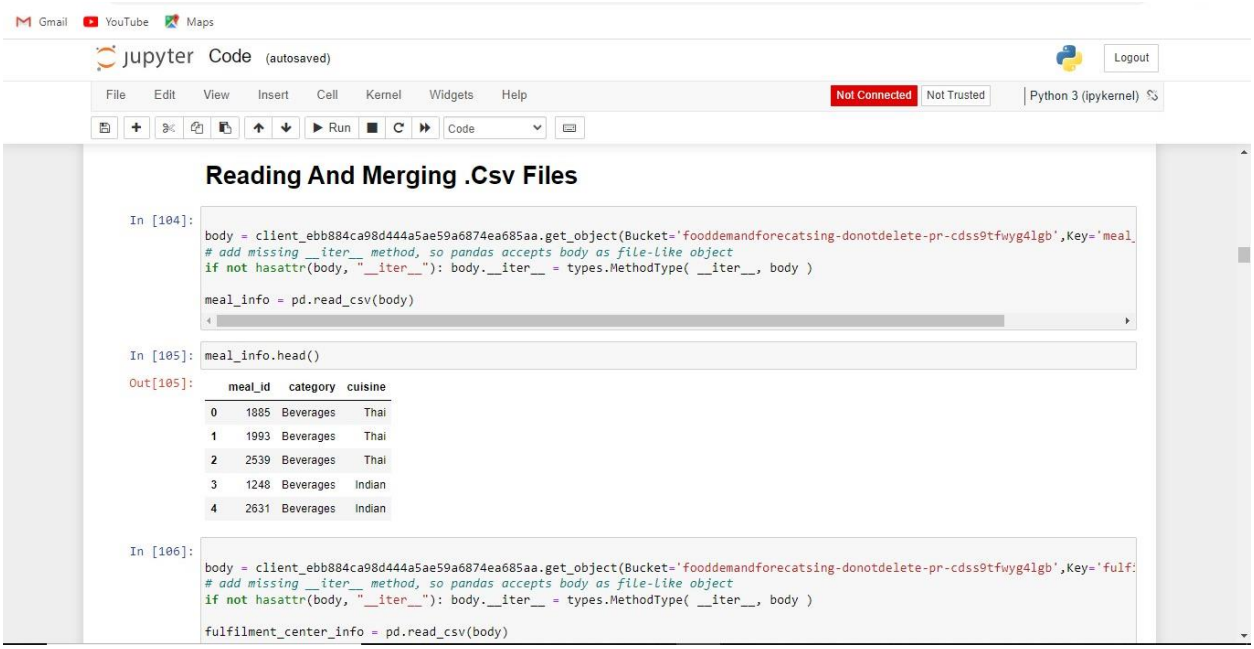
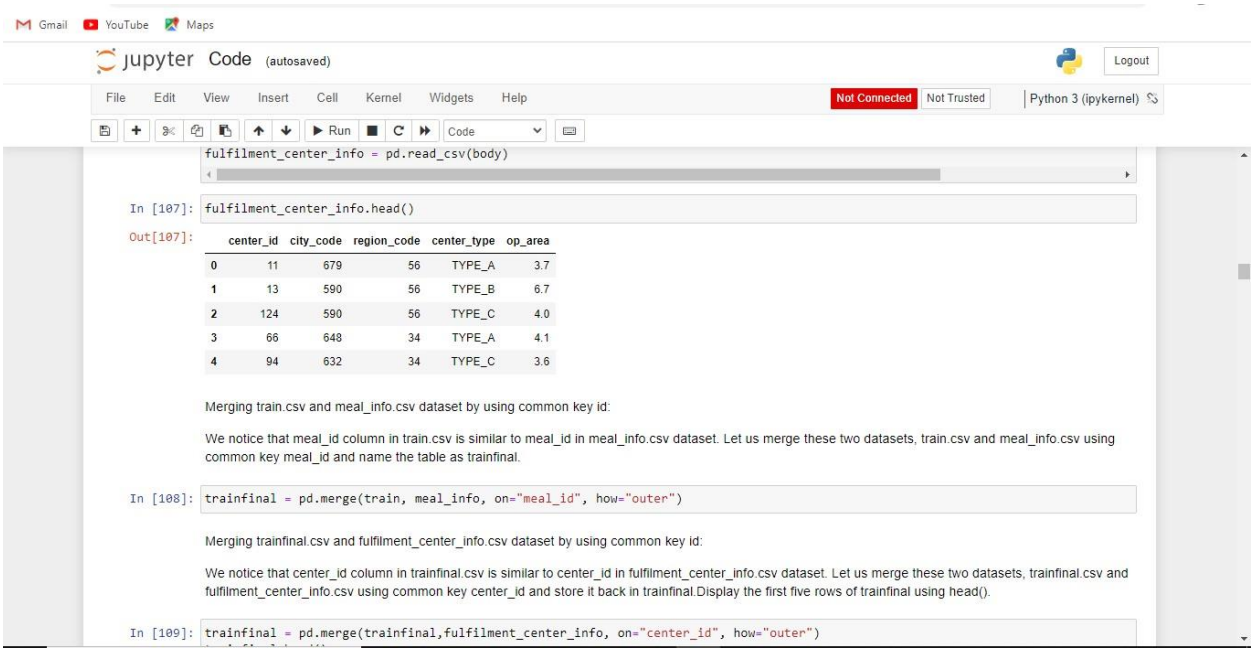
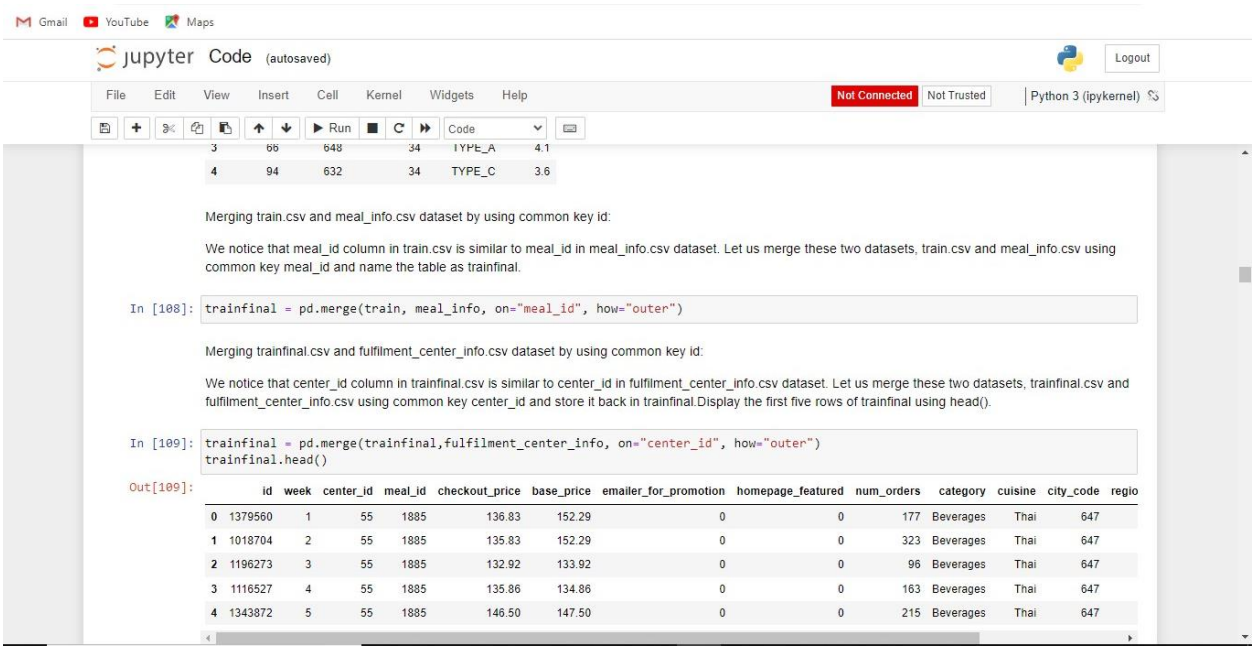
TEAM ID: PNT2022TMID32006

PROJECT NAME: DemandEst - AI powered Food DemandForecaster

Team Leader







3	66	648	34	TYPE_A	4.1
4	94	632	34	TYPE_C	3.6

Merging train.csv and meal_info.csv dataset by using common key id:

We notice that meal_id column in train.csv is similar to meal_id in meal_info.csv dataset. Let us merge these two datasets, train.csv and meal_info.csv using common key meal_id and name the table as trainfinal.

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trainfinal = pd.merge(train, meal_info, on="meal_id", how="outer")
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Merging trainfinal.csv and fulfilment_center_info.csv dataset by using common key id:

We notice that center_id column in trainfinal.csv is similar to center_id in fulfilment_center_info.csv dataset. Let us merge these two datasets, trainfinal.csv and fulfilment_center_info.csv using common key center_id and store it back in trainfinal.Display the first five rows of trainfinal using head().

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trainfinal = pd.merge(trainfinal,fulfilment_center_info, on="center_id", how="outer")
trainfinal.head()
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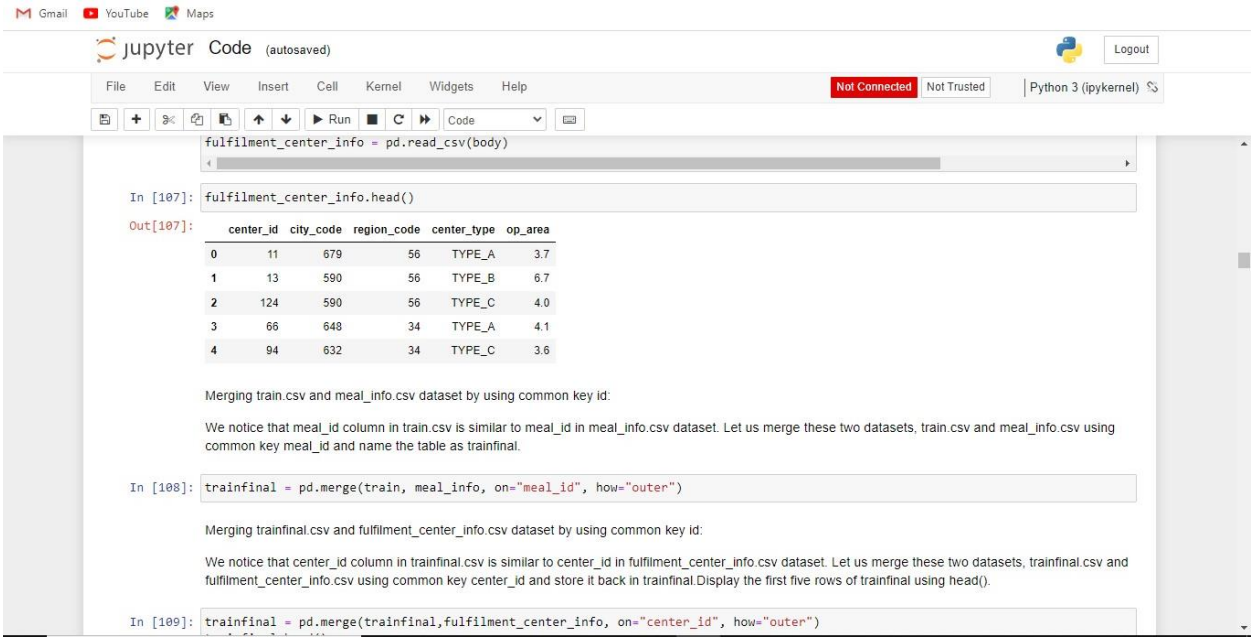
Out[109]:

	id	week	center_id	meal_id	checkout_price	base_price	emailer_for_promotion	homepage_featured	num_orders	category	cuisine	city_code	regio
0	1379560	1	55	1885	136.83	152.29	0	0	177	Beverages	Thai	647	
1	1018704	2	55	1885	135.83	152.29	0	0	323	Beverages	Thai	647	
2	1196273	3	55	1885	132.92	133.92	0	0	96	Beverages	Thai	647	
3	1116527	4	55	1885	135.86	134.86	0	0	163	Beverages	Thai	647	
4	1343872	5	55	1885	146.50	147.50	0	0	215	Beverages	Thai	647	

Team Member 1



```
fulfilment_center_info = pd.read_csv(body)
```

In [107]:
```
fulfilment_center_info.head()
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Out[107]:

	center_id	city_code	region_code	center_type	op_area
0	11	679	56	TYPE_A	3.7
1	13	590	56	TYPE_B	6.7
2	124	590	56	TYPE_C	4.0
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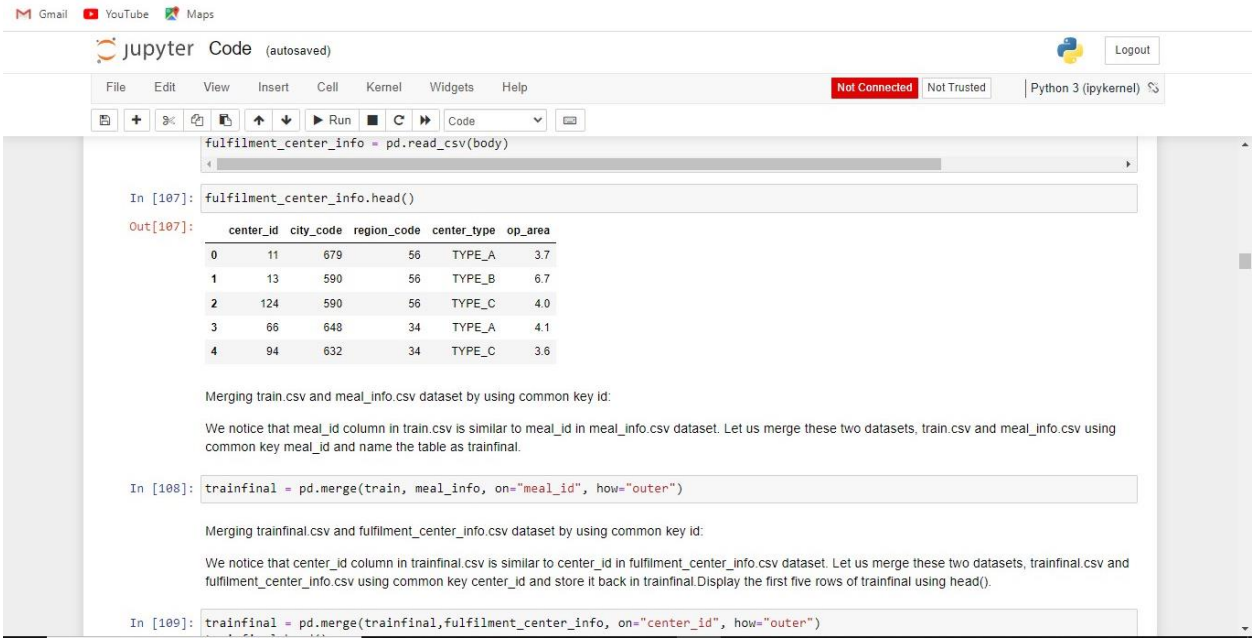

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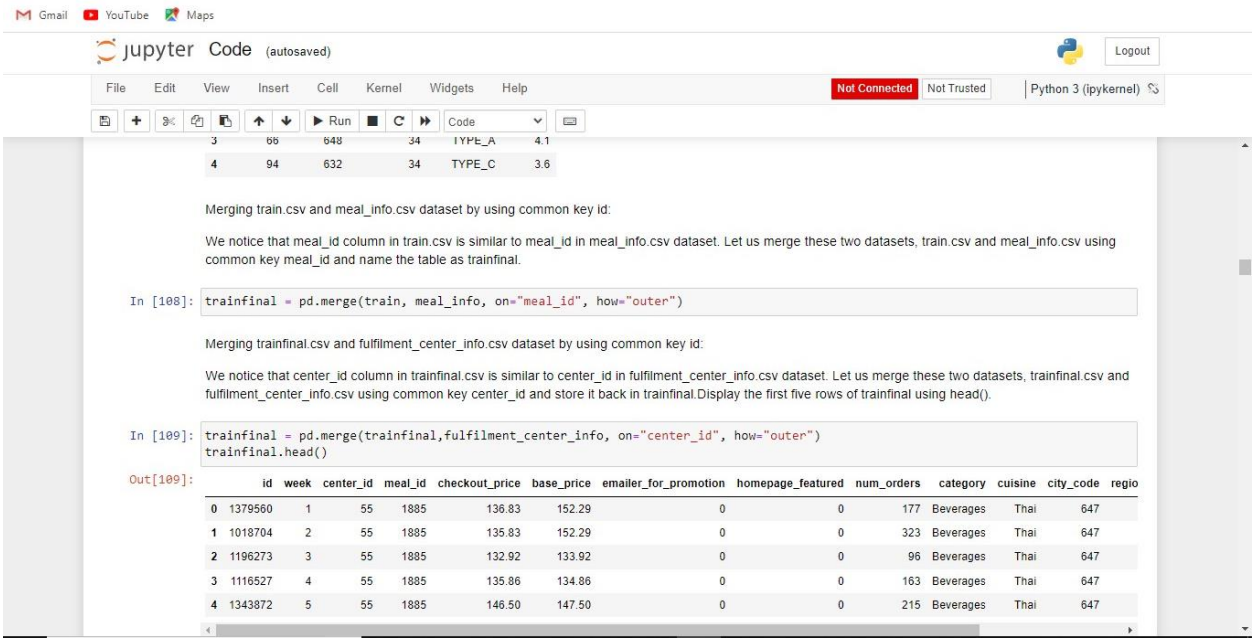

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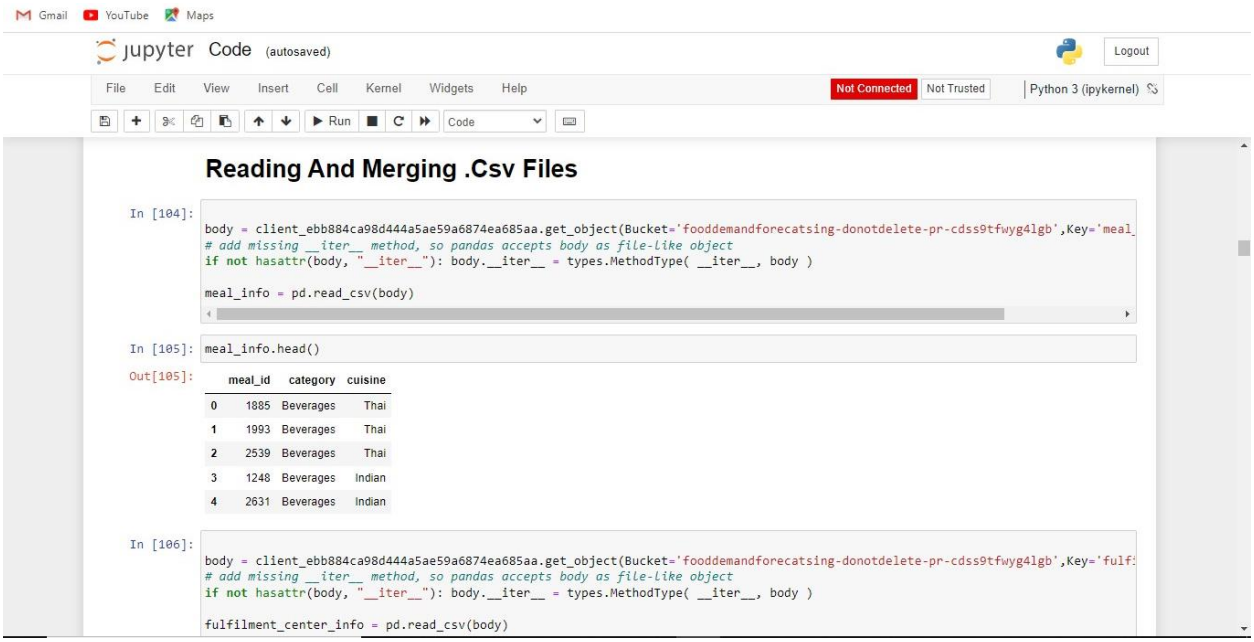
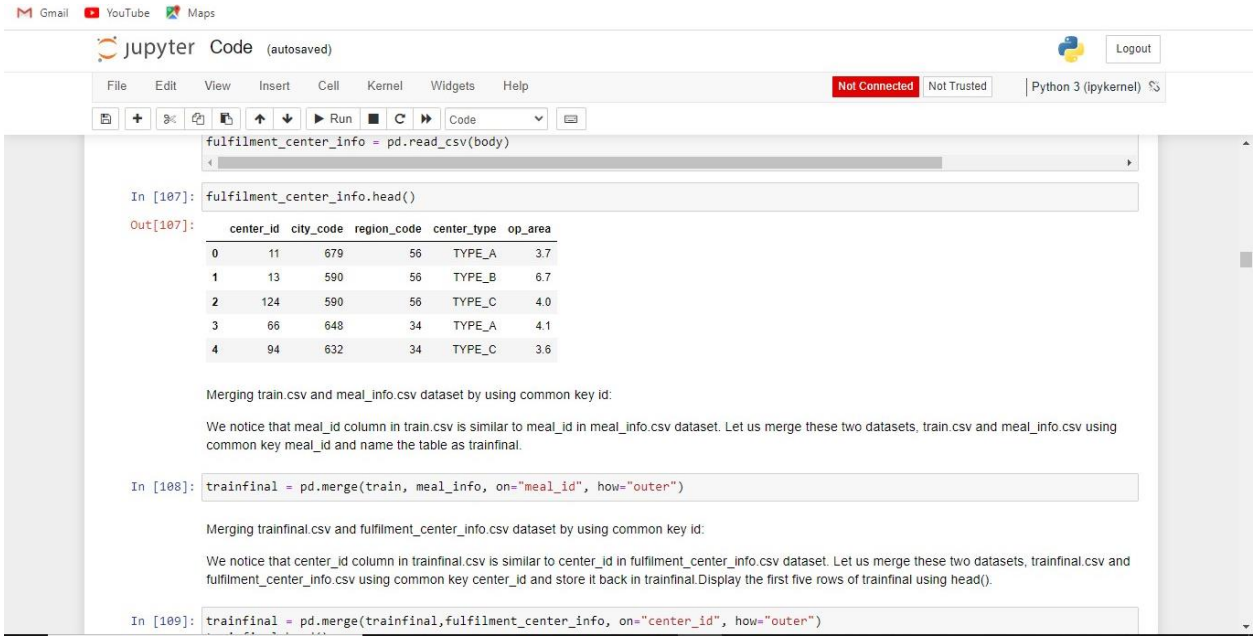
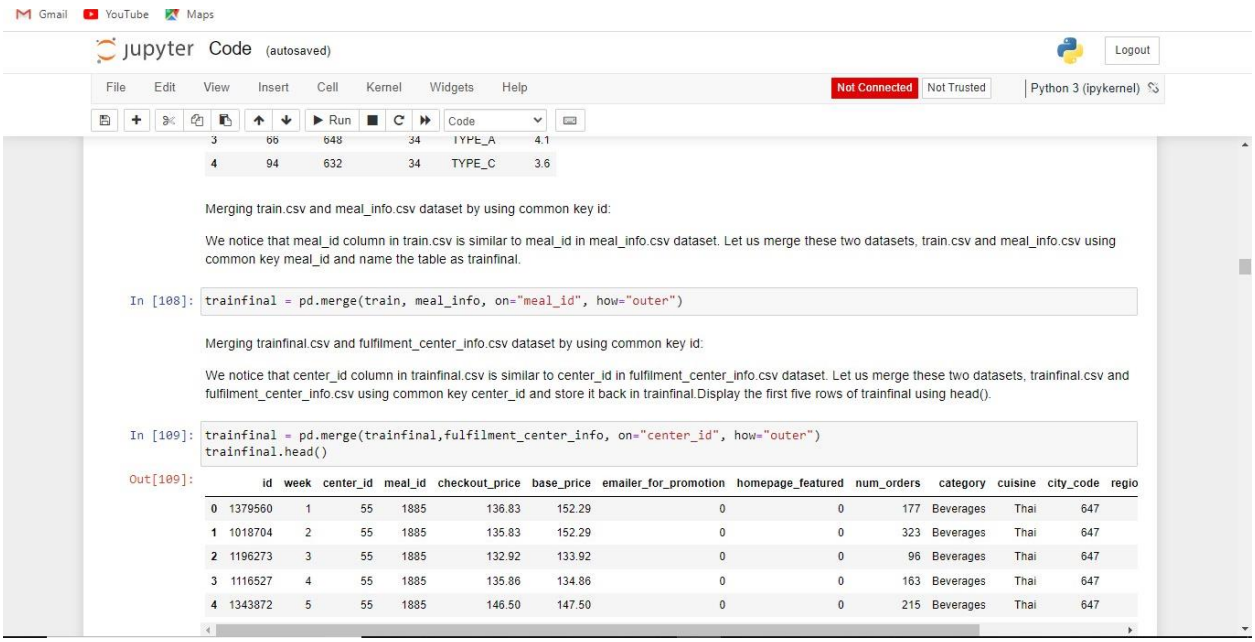
Team Member 2







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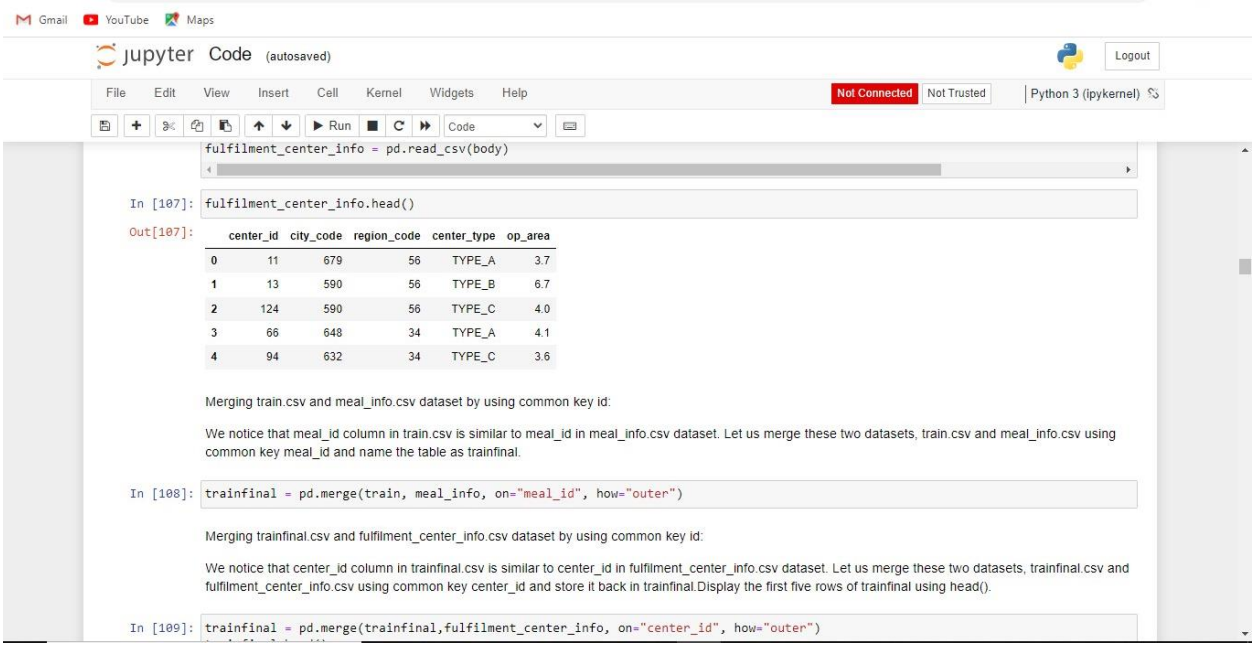

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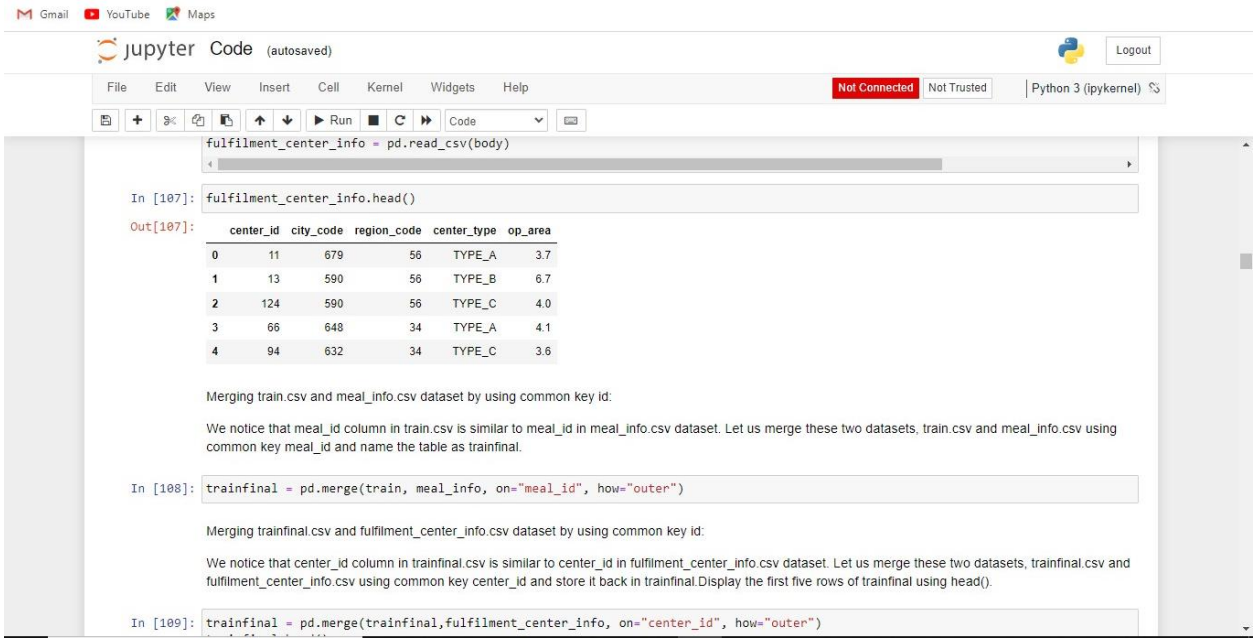
Gmail
YouTube
Maps
jupyter Code (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Not Connected
Not Trusted
Python 3 (ipykernel)
Run
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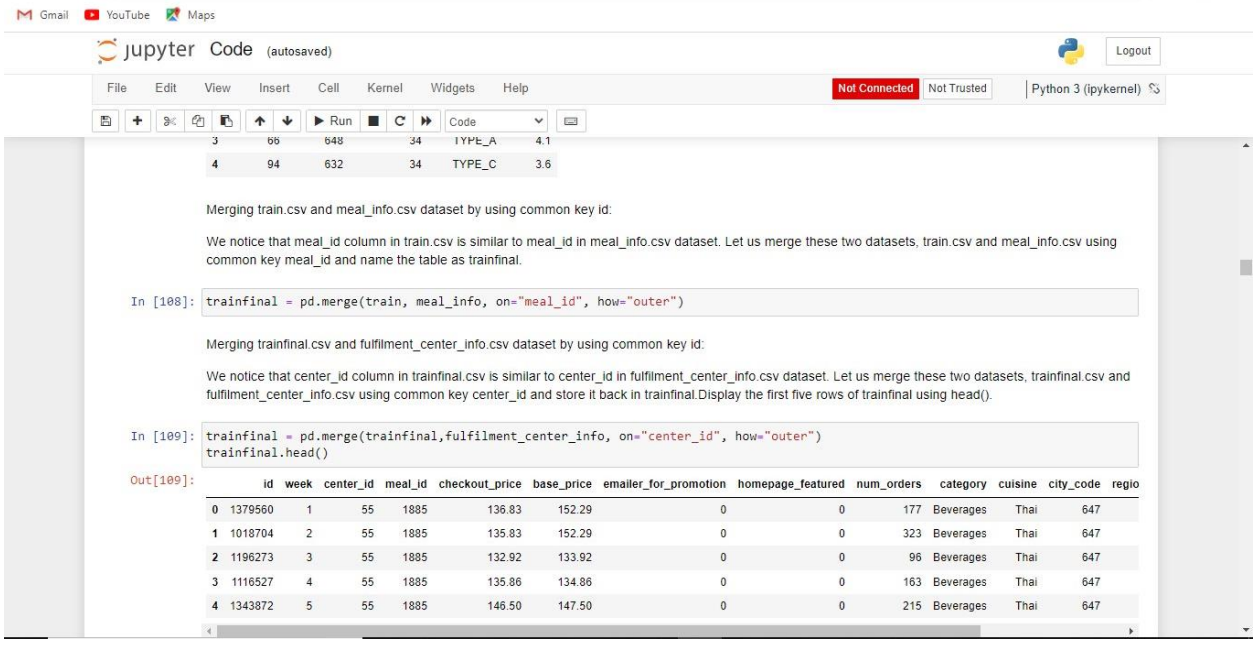
Gmail
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jupyter Code (autosaved)
Logout
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