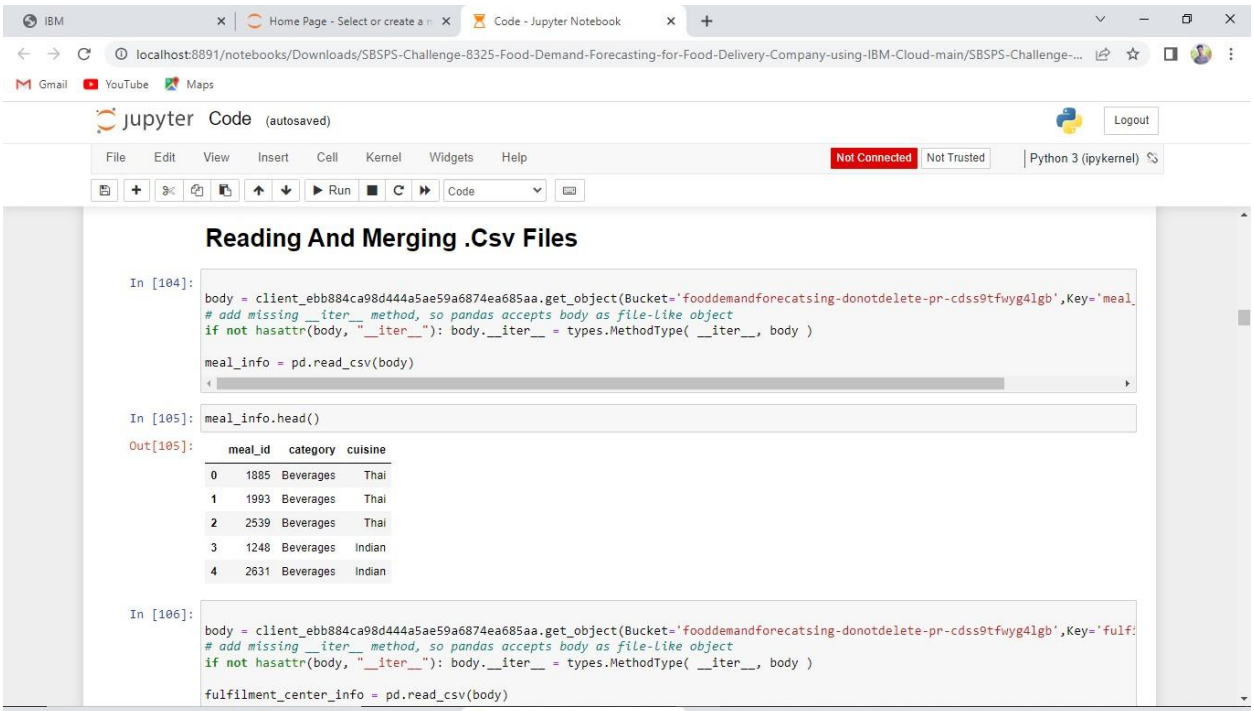
TEAM ID: PNT2022TMID44529

PROJECT NAME: DemandEst - AI powered Food DemandForecaster

Team Leader



## Reading And Merging .Csv Files

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body = client_ebb884ca98d444a5ae59a6874ea685aa.get_object(Bucket='fooddemandforecatsing-donotdelete-pr-cdss9tfwyg4lgb',Key='meal_
# add missing __iter__ method, so pandas accepts body as file-like object
if not hasattr(body, "__iter__"): body.__iter__ = types.MethodType( __iter__, body )

meal_info = pd.read_csv(body)
```

In [105]:
```
meal_info.head()
```

Out[105]:

| | meal_id | category | cuisine |
|---|---|---|---|
| 0 | 1885 | Beverages | Thai |
| 1 | 1993 | Beverages | Thai |
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| 3 | 1248 | Beverages | Indian |
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In [106]:
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body = client_ebb884ca98d444a5ae59a6874ea685aa.get_object(Bucket='fooddemandforecatsing-donotdelete-pr-cdss9tfwyg4lgb',Key='fulf
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fulfilment_center_info = pd.read_csv(body)
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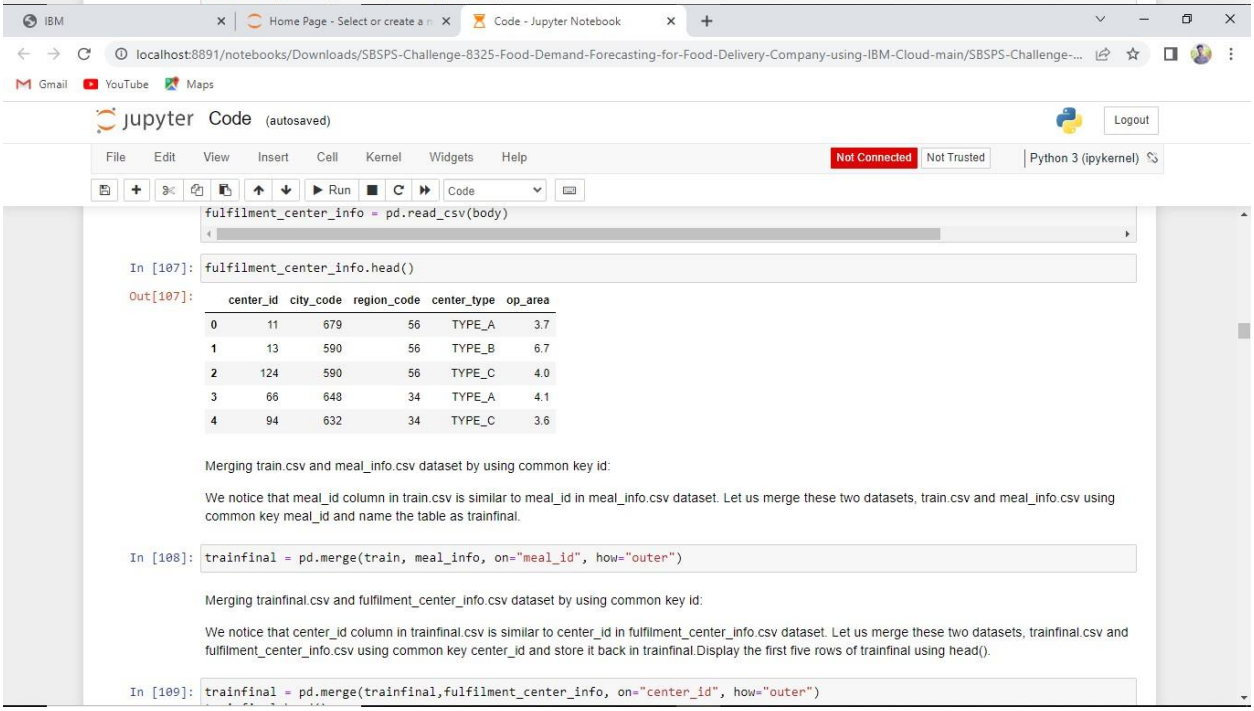

```
fulfilment_center_info = pd.read_csv(body)
```

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

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 |
| 3 | 66 | 648 | 34 | TYPE_A | 4.1 |
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Merging train.csv and meal_info.csv dataset by using common key id:

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trainfinal = pd.merge(train, meal_info, on="meal_id", how="outer")
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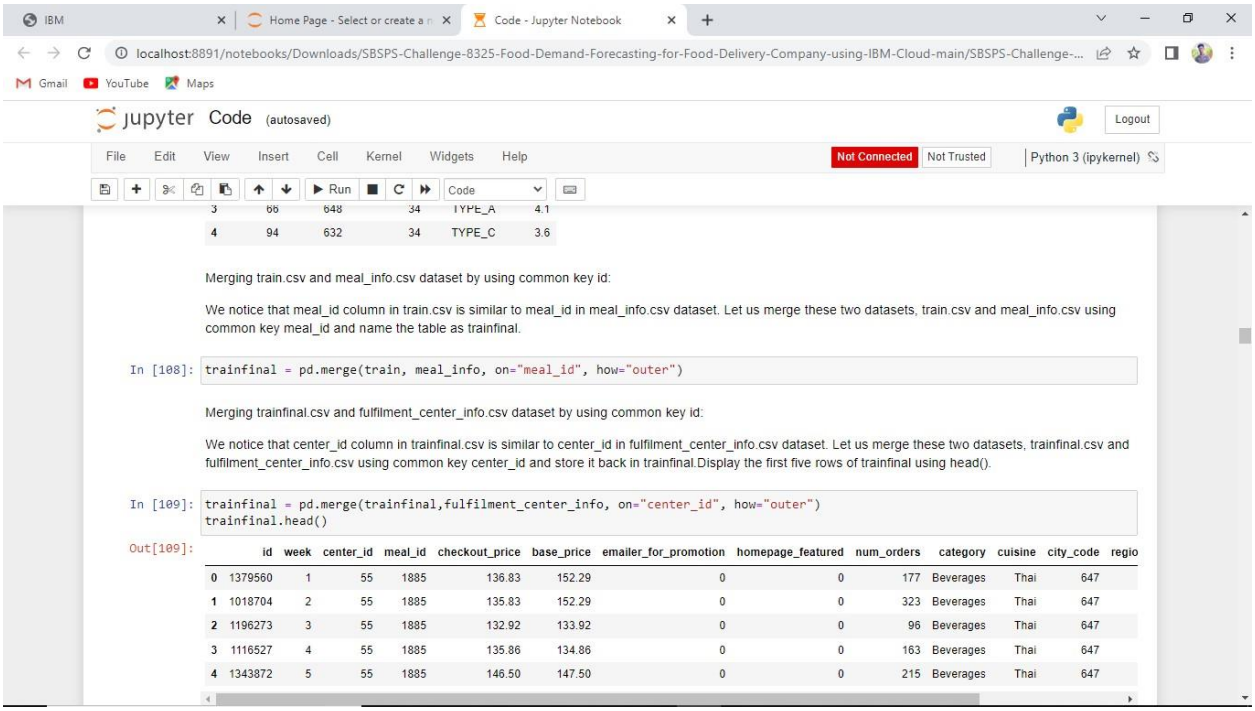
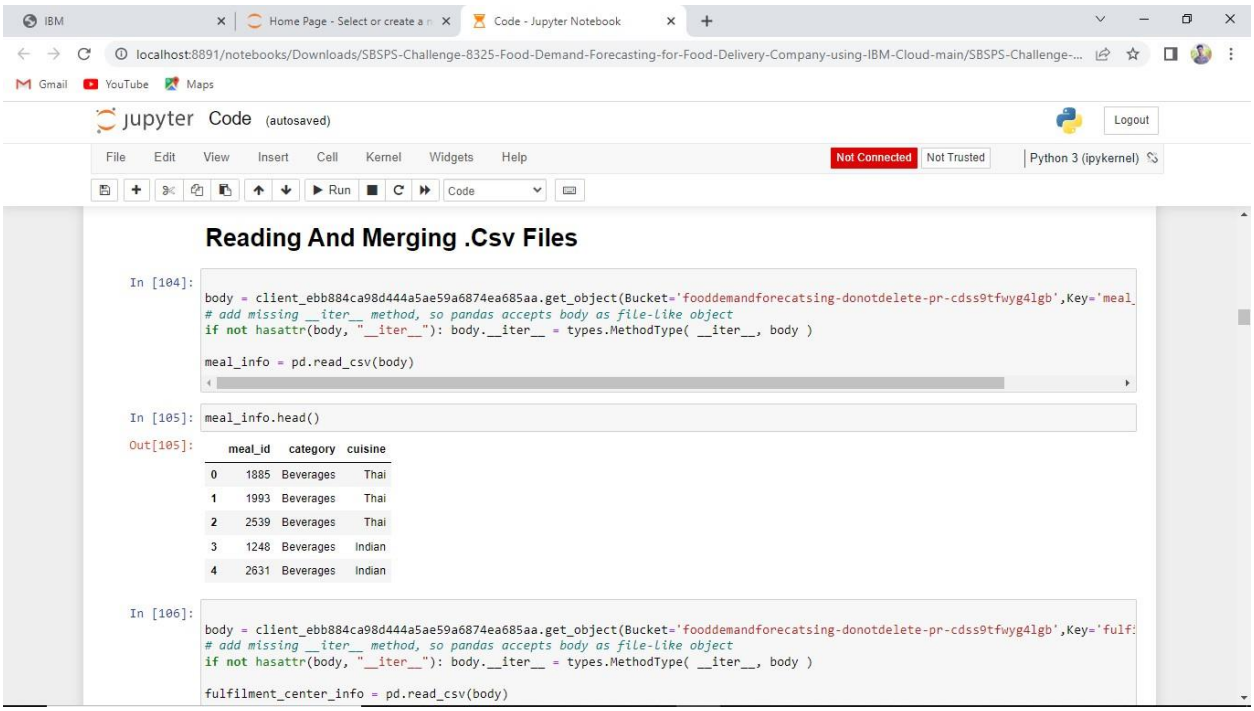
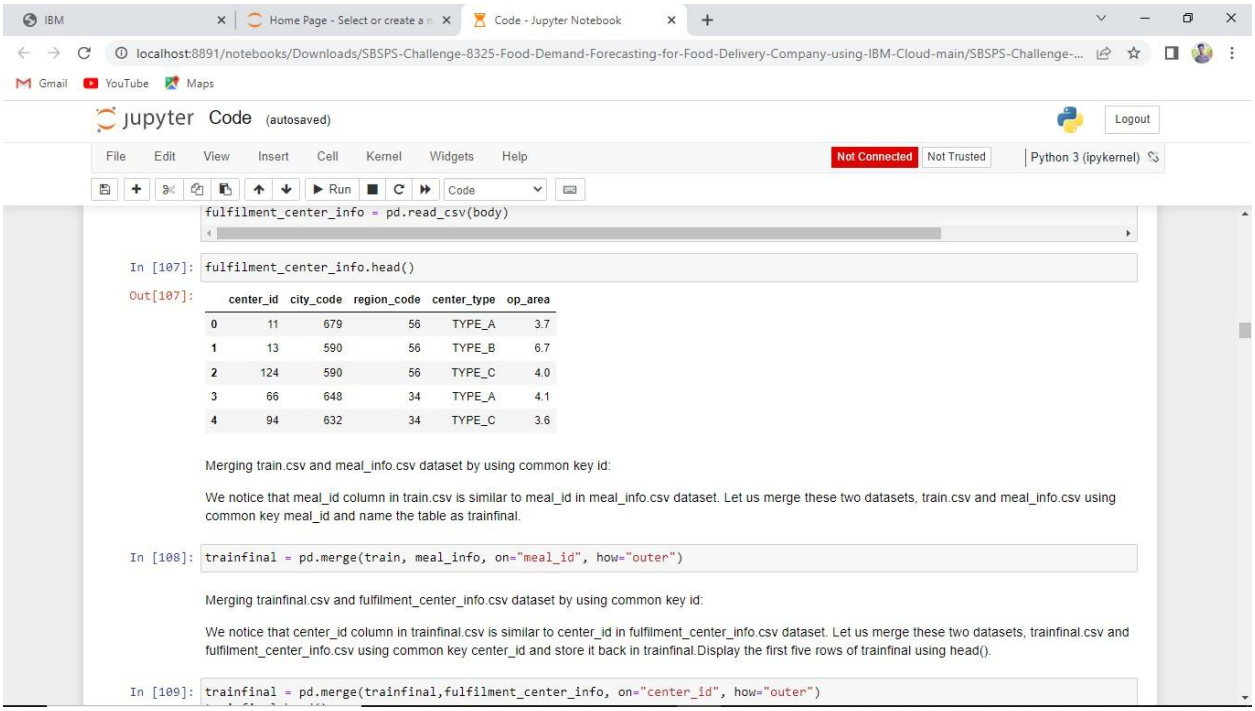



# Team Member 1

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Logout
File Edit View Insert Cell Kernel Widgets Help
Not Connected
Not Trusted
Python 3 (ipykernel)
Run
Code
fulfilment_center_info = pd.read_csv(body)
In [107]:
fulfilment_center_info.head()
Out[107]:
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0 11 679 56 TYPE_A 3.7
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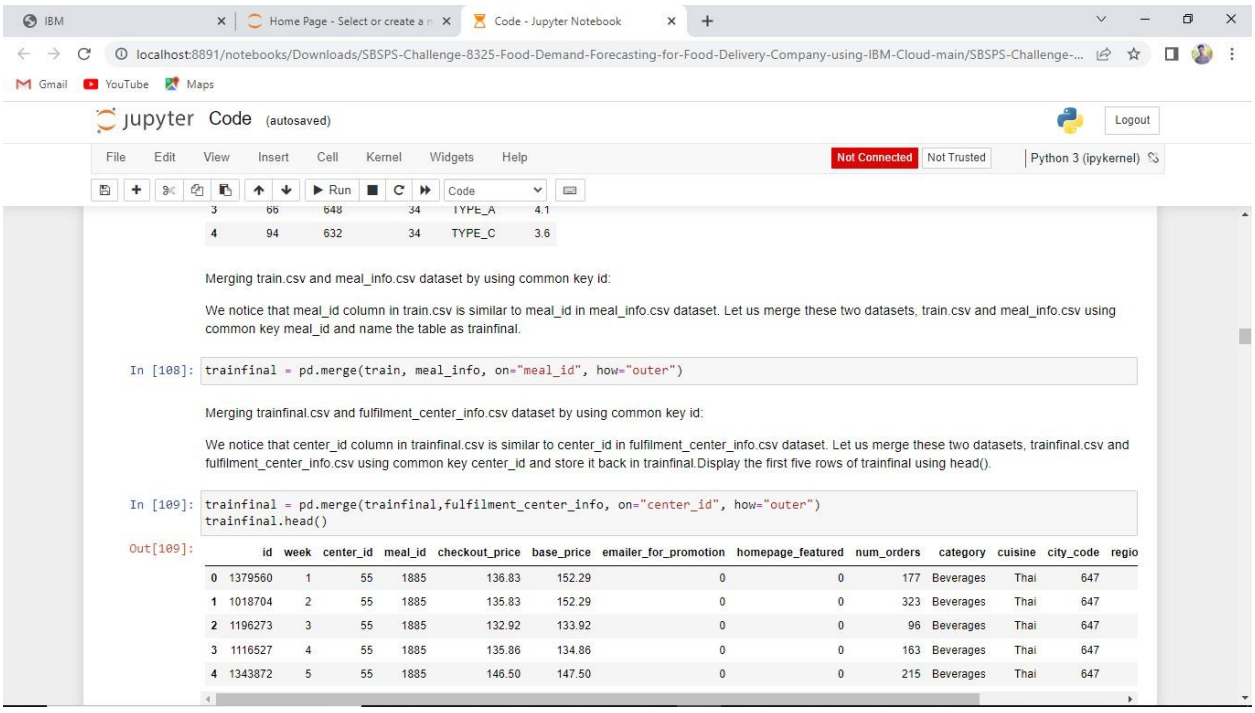
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2 1196273 3 55 1885 132.92 133.92 0 0 96 Beverages Thai 647
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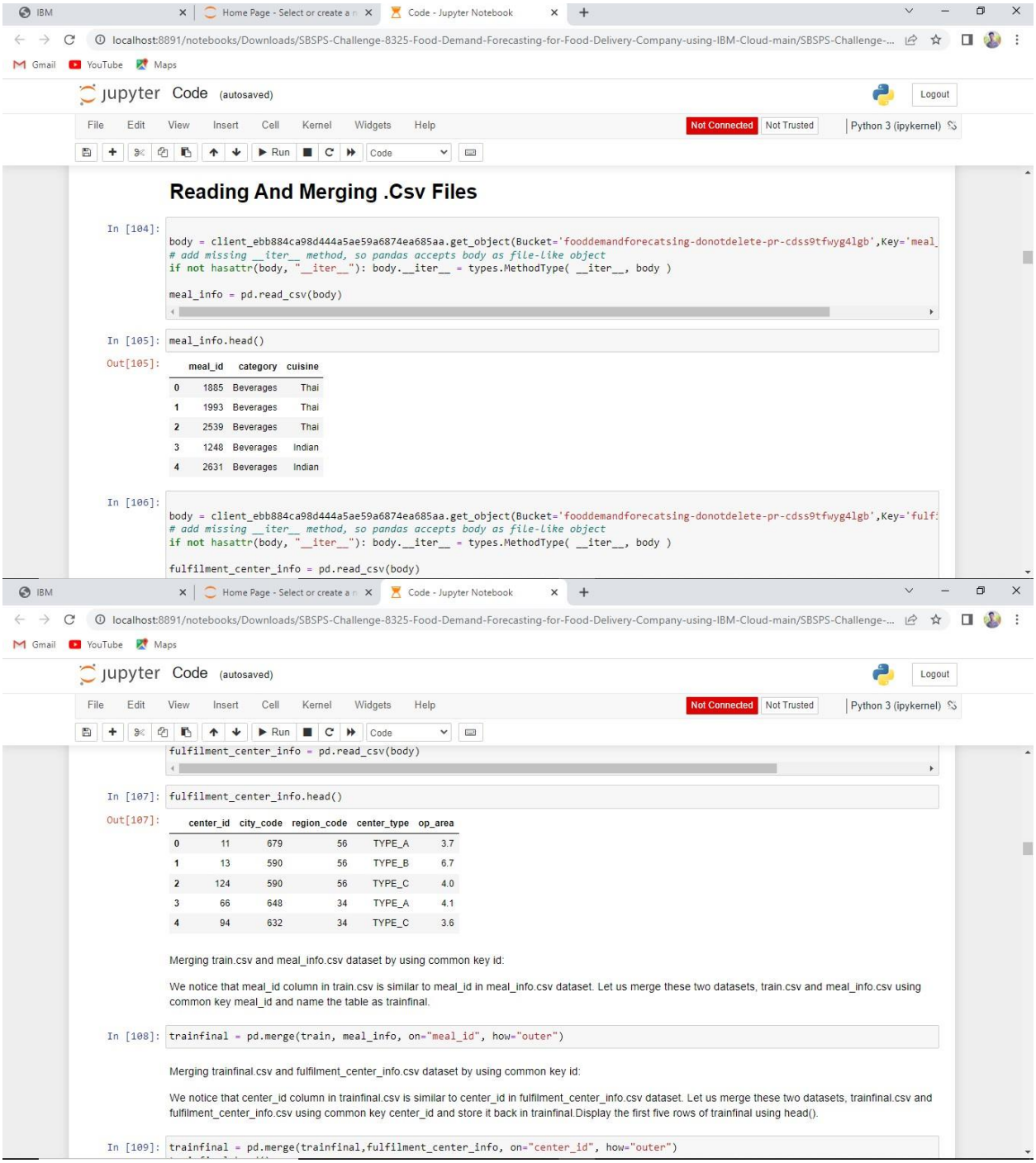
4 1343872 5 55 1885 146.50 147.50 0 0 215 Beverages Thai 647

# Team Member 2



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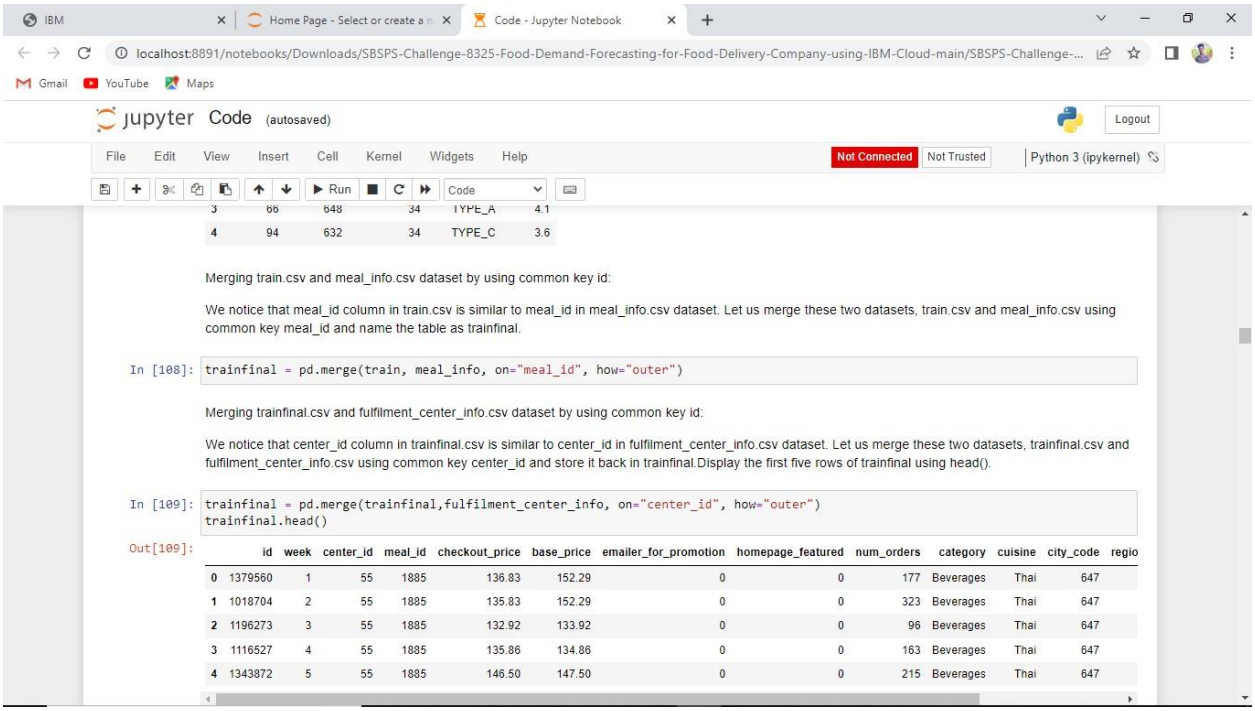


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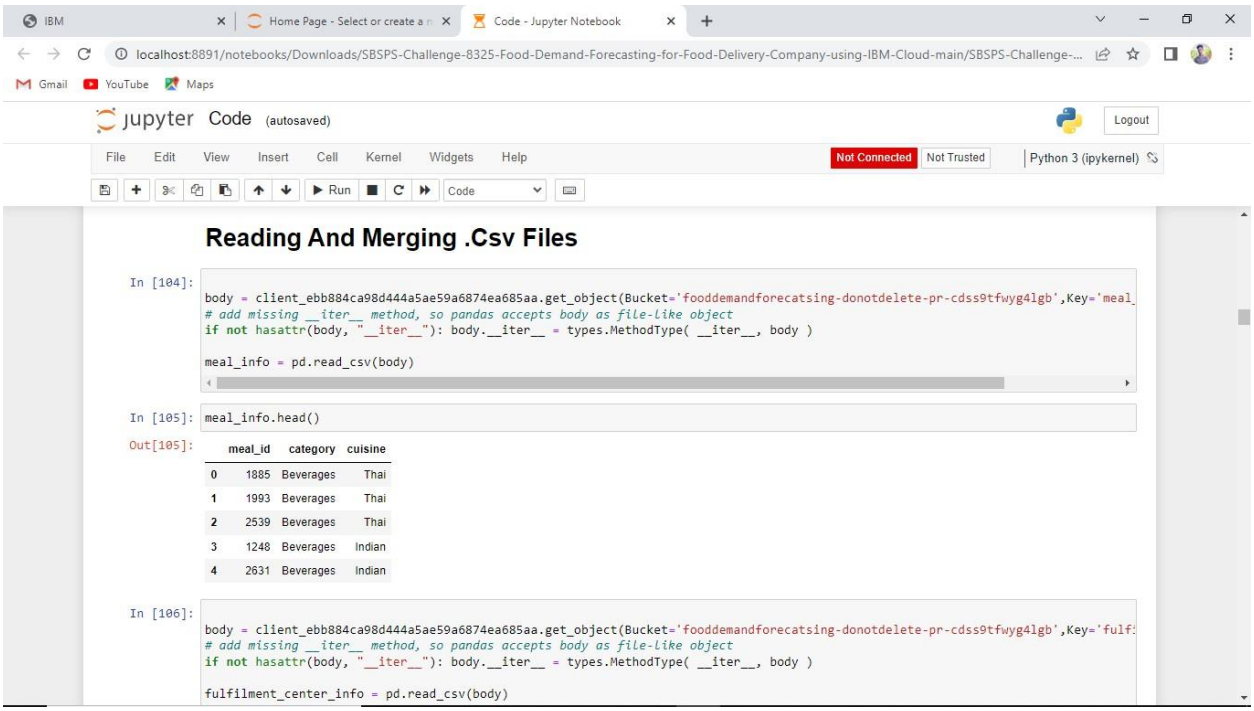

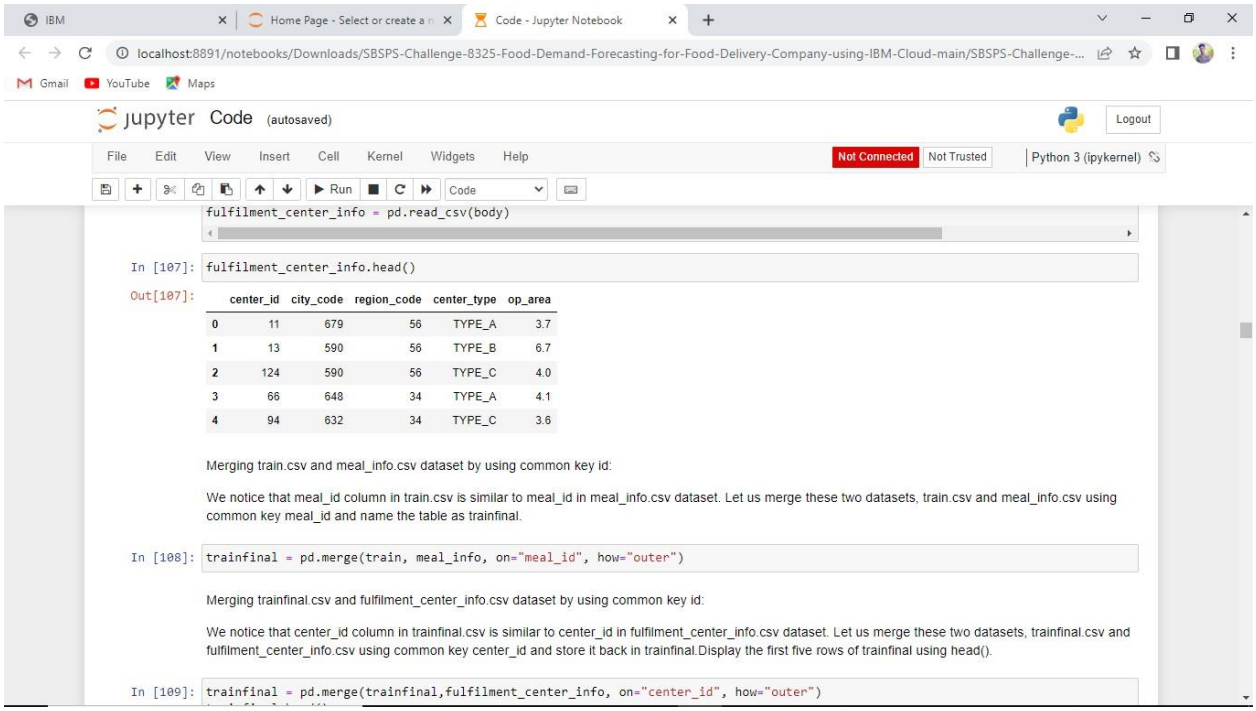
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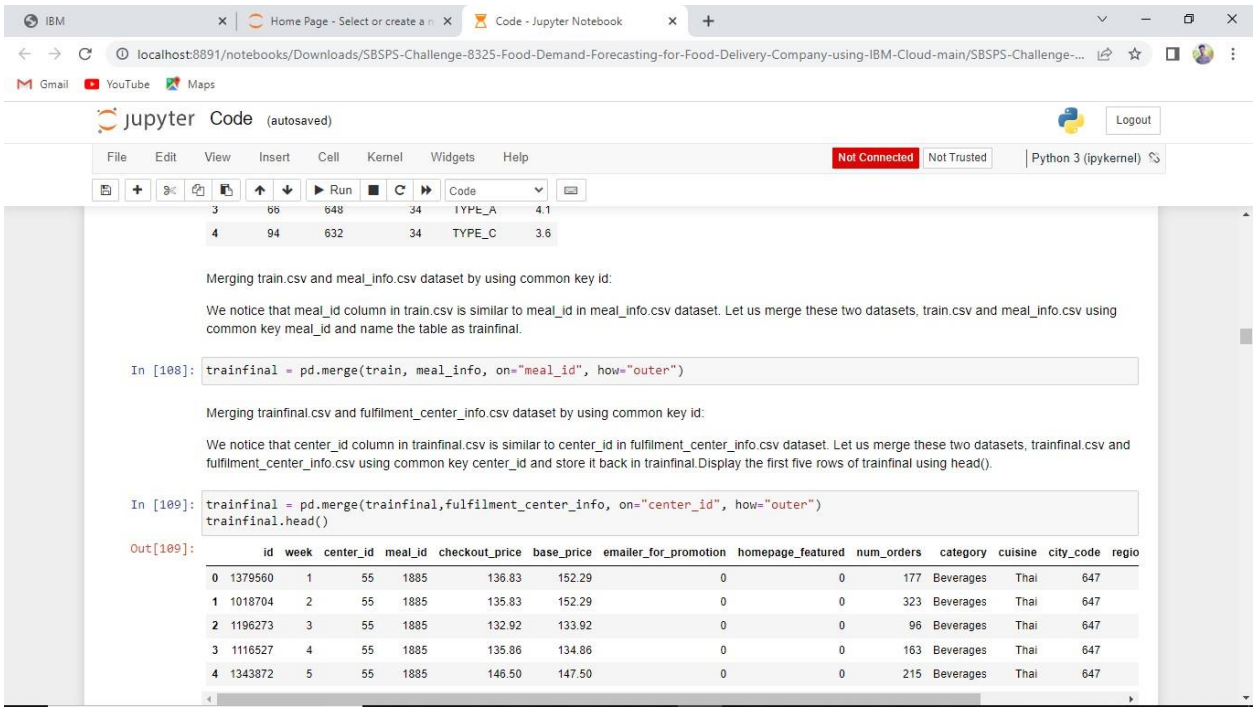
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