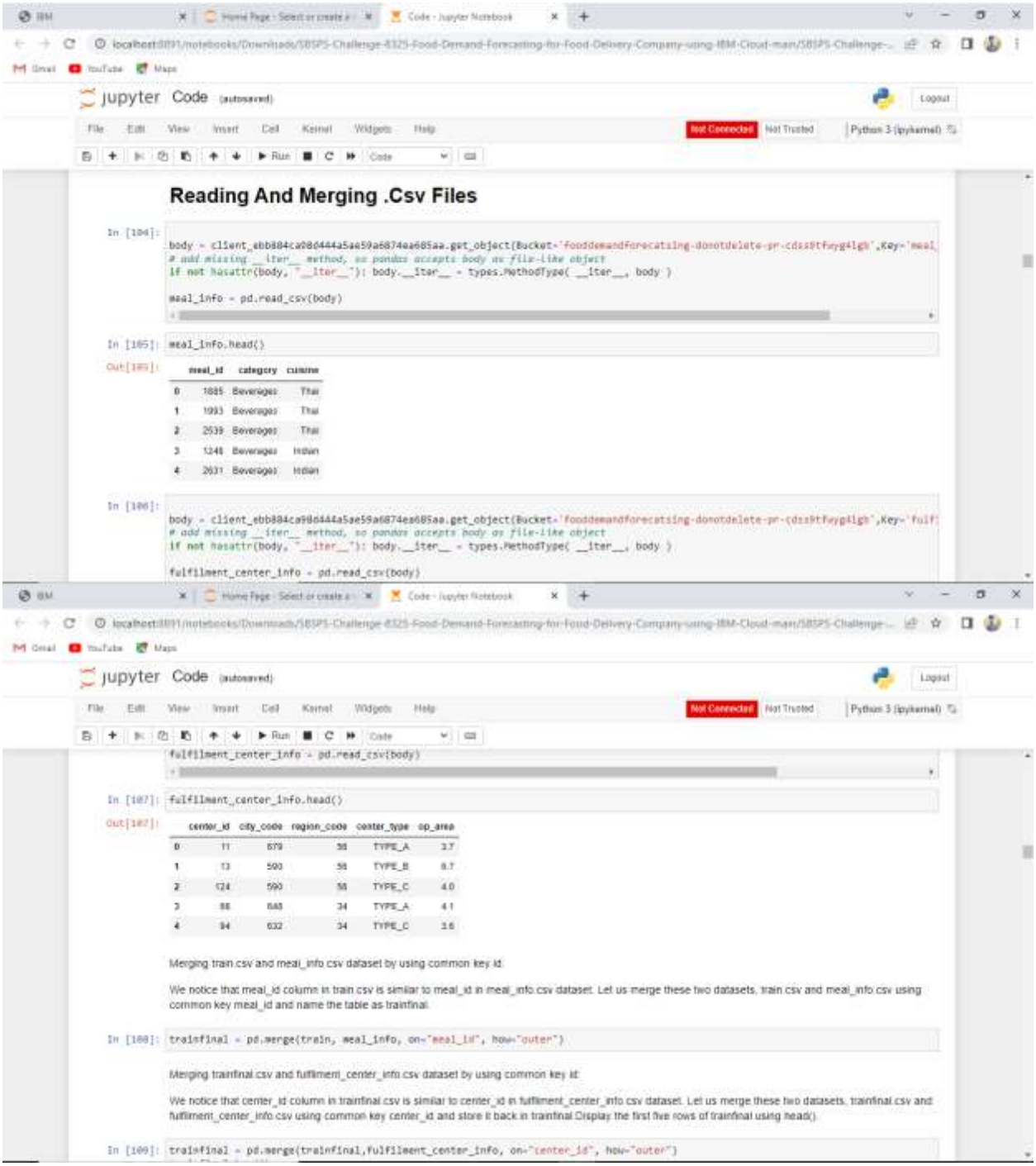
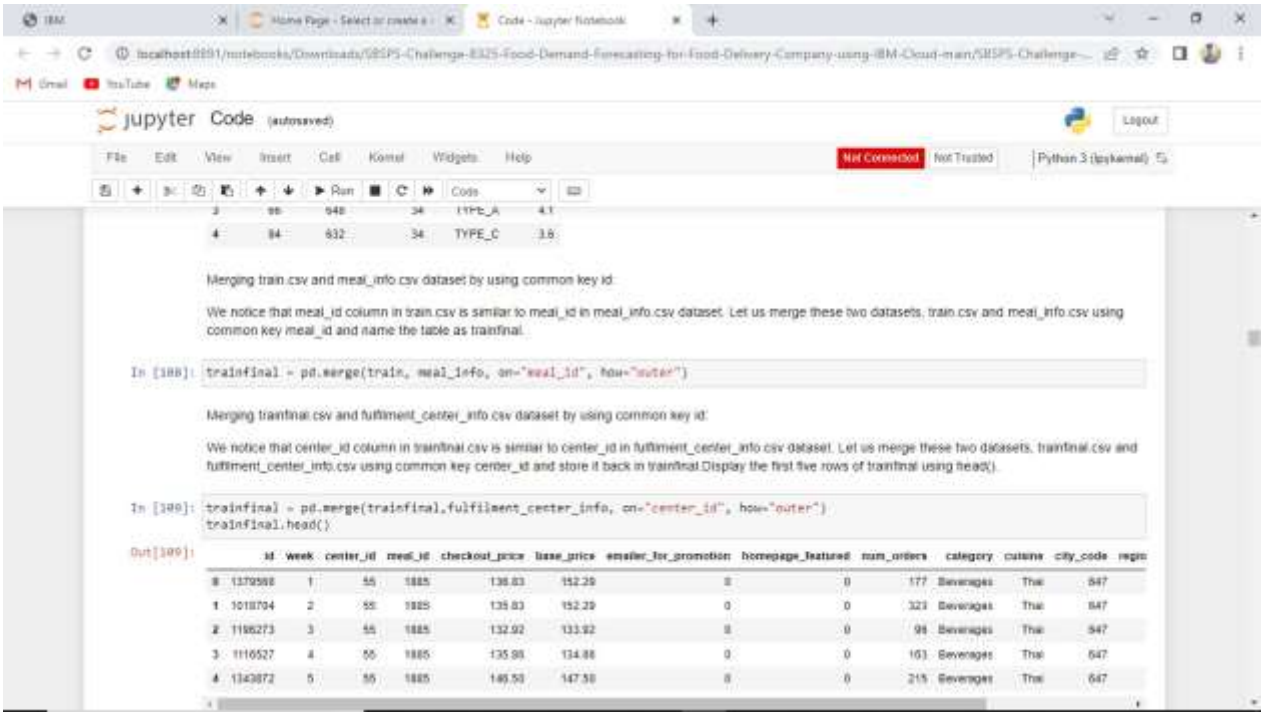
TEAM ID: PNT2022TMID32368

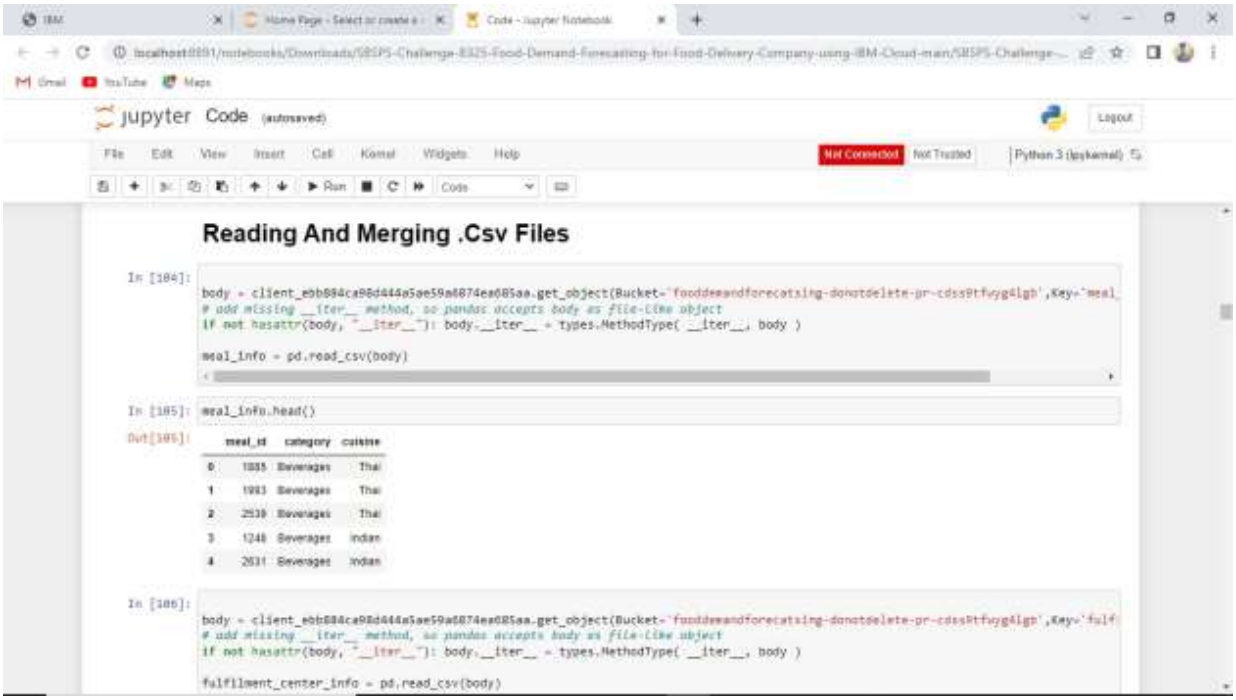
PROJECT NAME: DemandEst - AI powered Food Demand Forecaster

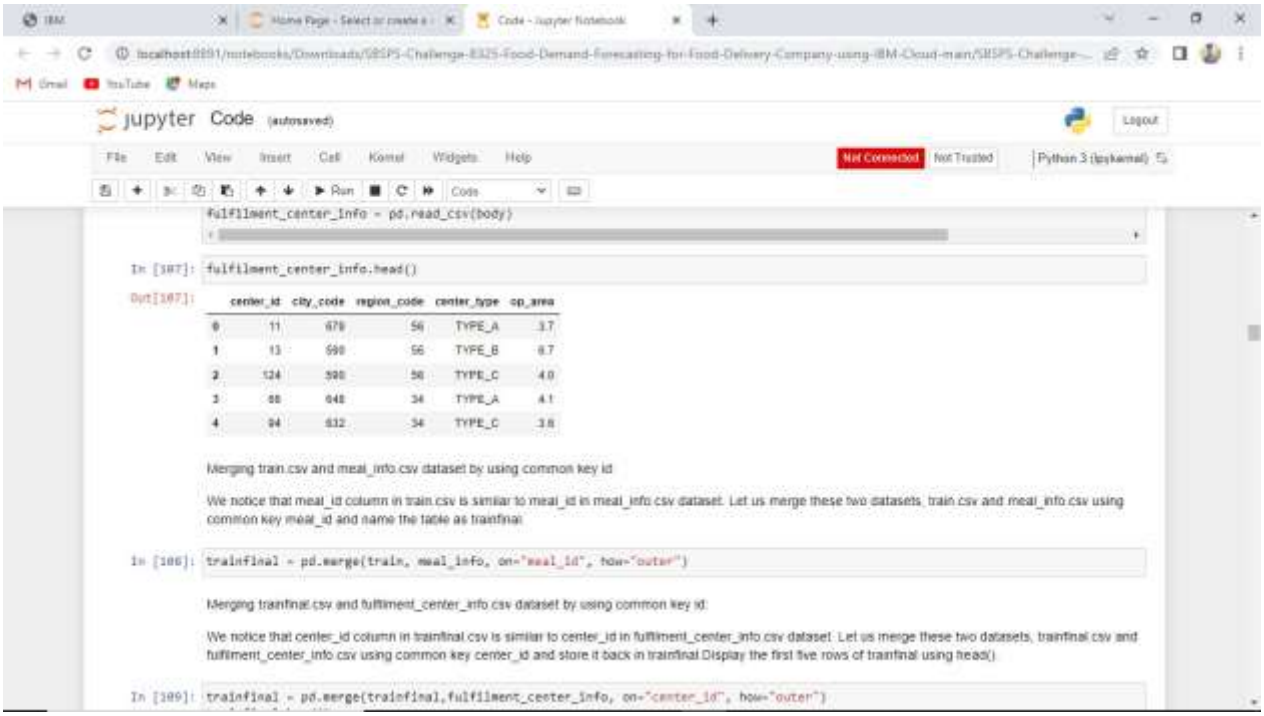
Team Leader

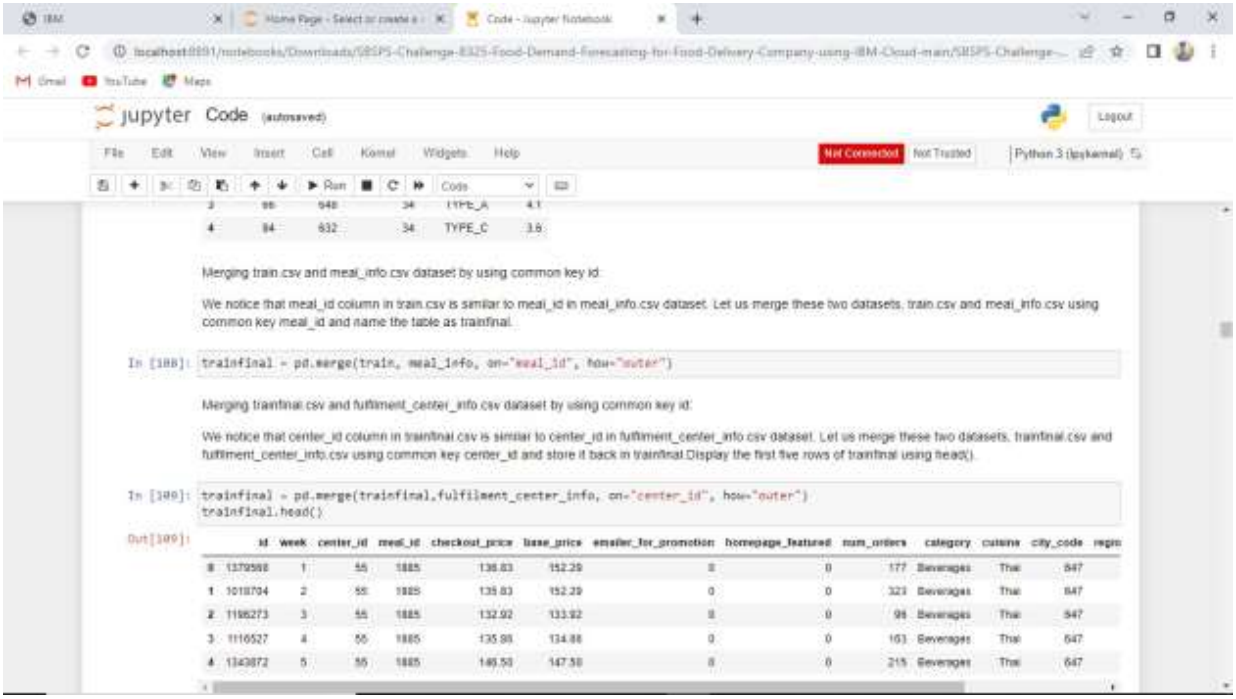




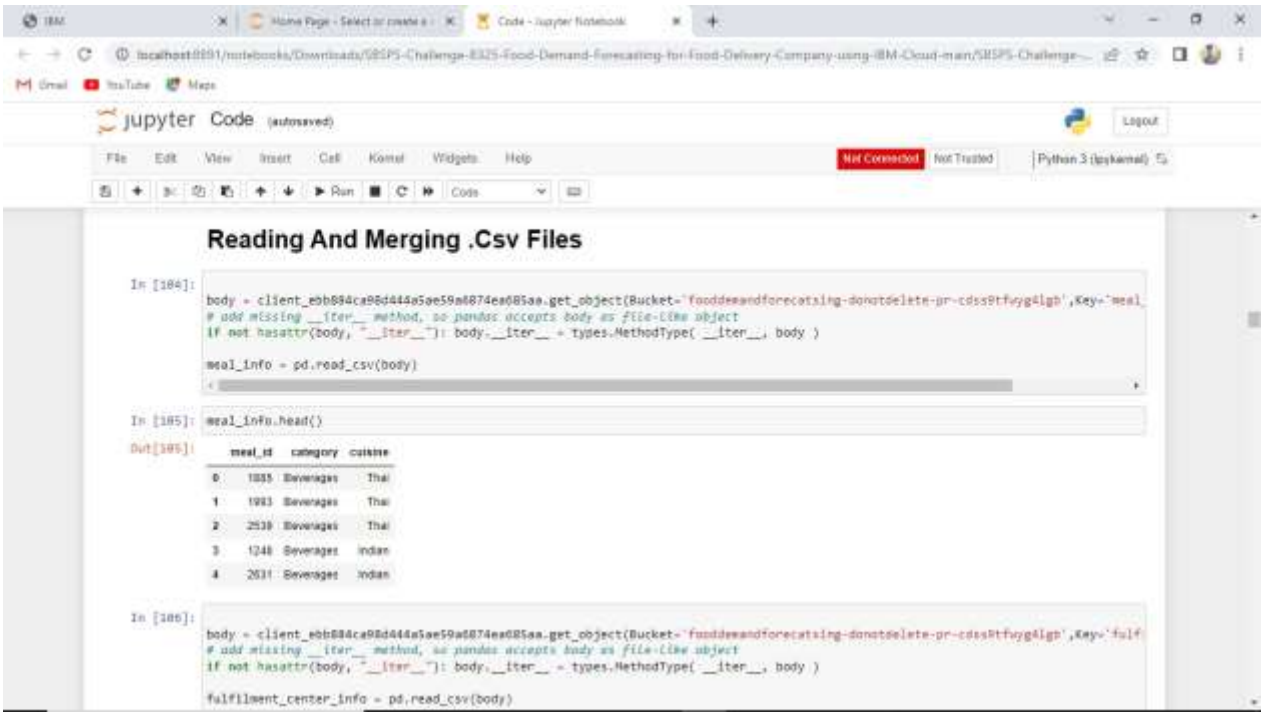
Team Member 1

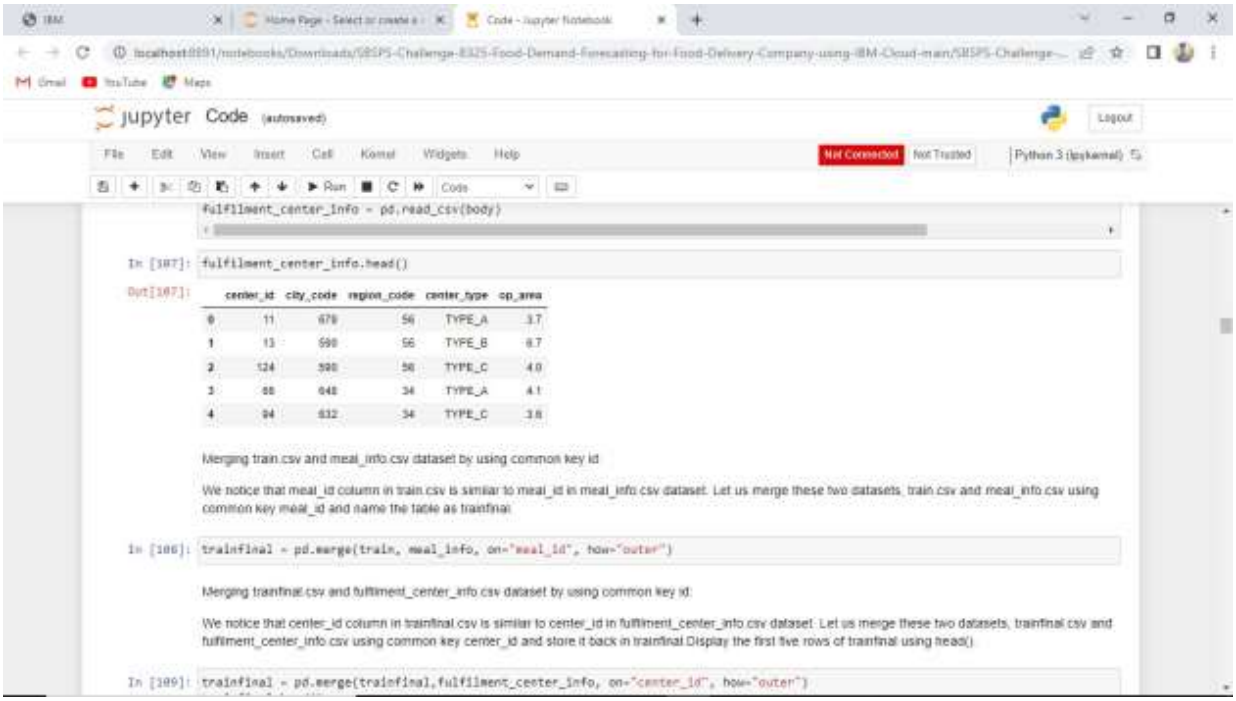


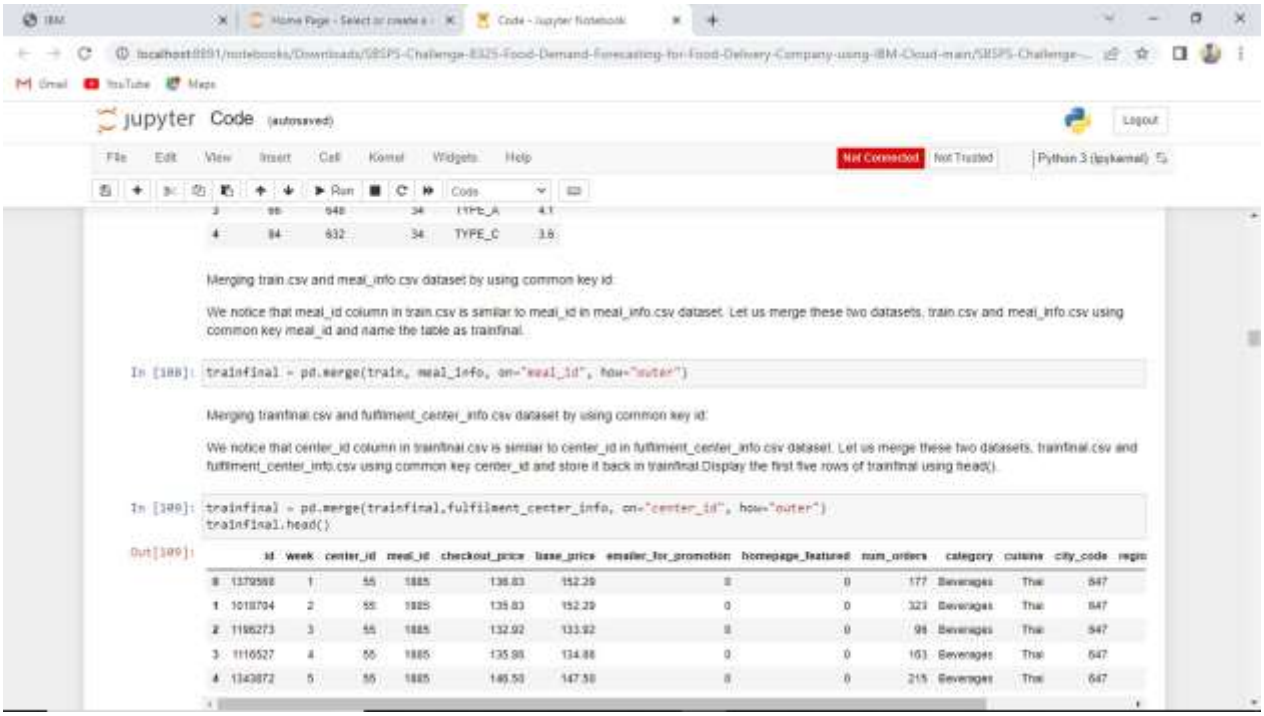

jupyter Code (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Not Connected Not Trusted
Python 3 (ipykernel)
Run
Code
fulfilment_center_info = pd.read_csv(body)
In [107]:
fulfilment_center_info.head()
Out[107]:
center_id city_code region_code center_type op_area
0 11 679 56 TYPE_A 3.7
1 13 590 56 TYPE_B 8.7
2 124 590 56 TYPE_C 4.0
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
In [108]:
trainfinal = pd.merge(train, meal_info, on="meal_id", how="outer")
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()
In [109]:
trainfinal = pd.merge(trainfinal,fulfilment_center_info, on="center_id", how="outer")


jupyter Code (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Not Connected Not Trusted
Python 3 (ipykernel)
Run
Code
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
In [108]:
trainfinal = pd.merge(train, meal_info, on="meal_id", how="outer")
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()
In [109]:
trainfinal = pd.merge(trainfinal,fulfilment_center_info, on="center_id", how="outer")
trainfinal.head()
Out[109]:
id week center_id meal_id checkout_price base_price emailer_for_promotion homepage_featured num_orders category cuisine city_code region
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

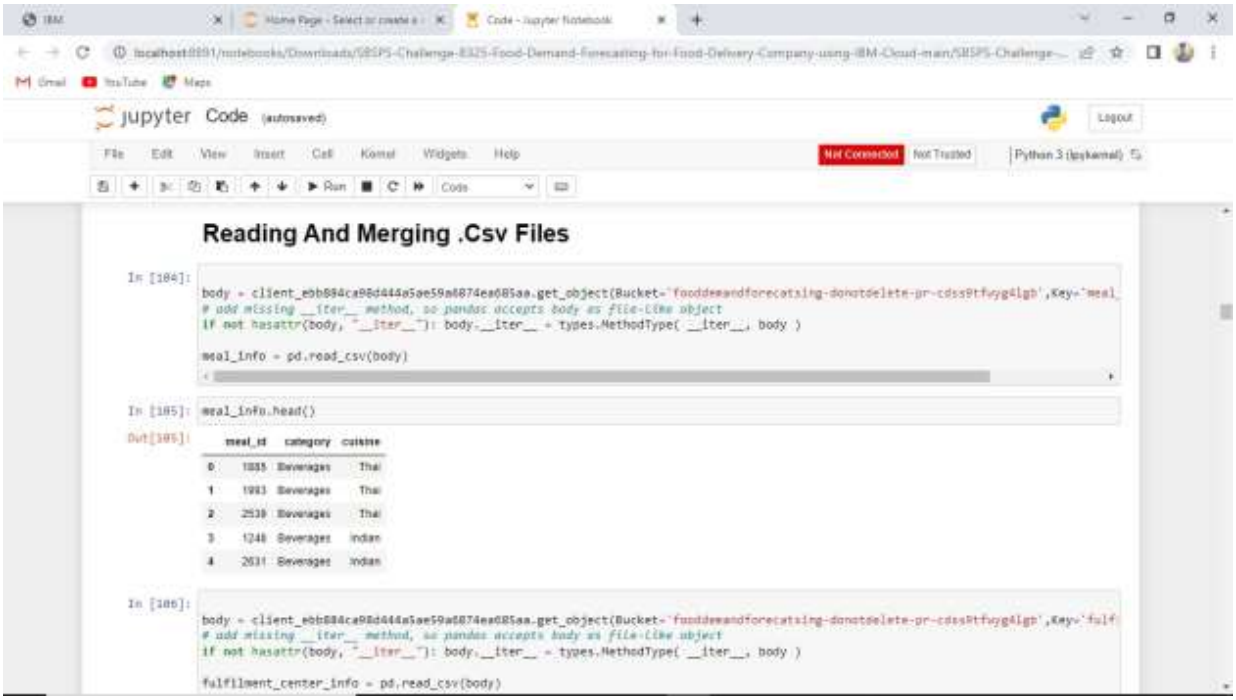
Team Member 2

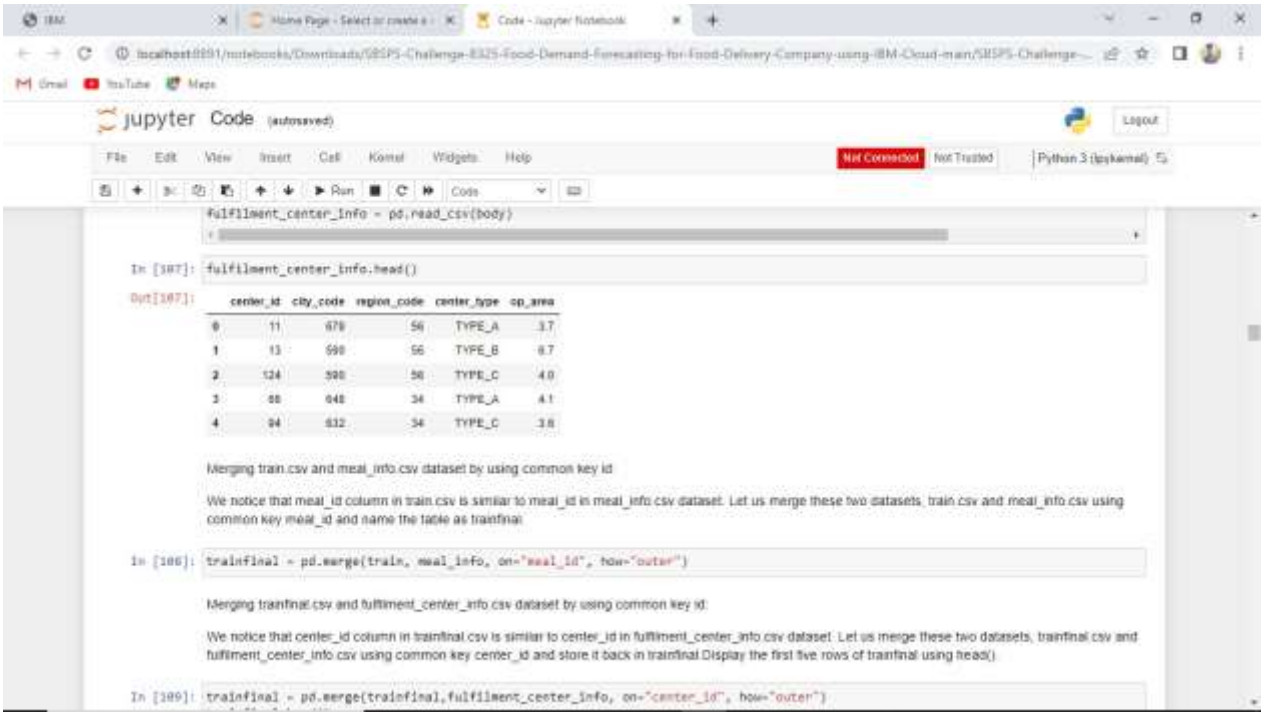


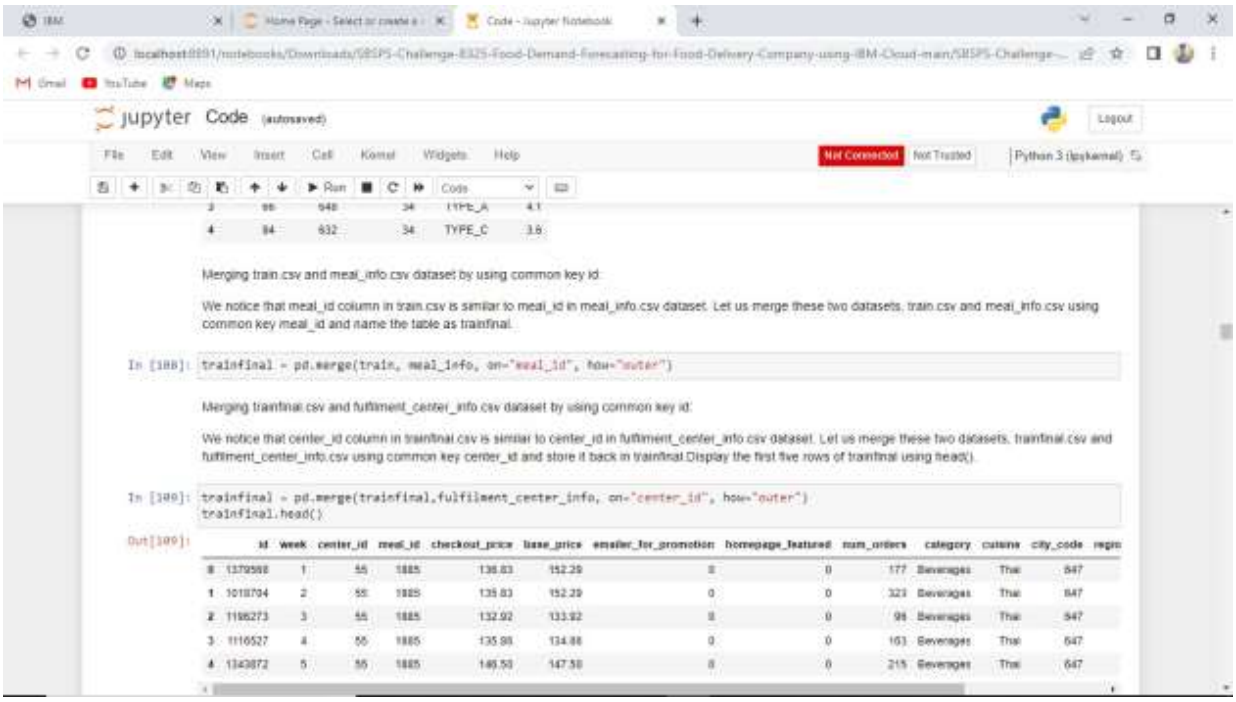




Team Member 3




jupyter Code (autosaved)
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]:
center_id city_code region_code center_type op_area
0 11 679 56 TYPE_A 3.7
1 13 590 56 TYPE_B 8.7
2 124 590 56 TYPE_C 4.0
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
In [108]:
trainfinal = pd.merge(train, meal_info, on="meal_id", how="outer")
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()
In [109]:
trainfinal = pd.merge(trainfinal,fulfilment_center_info, on="center_id", how="outer")


jupyter Code (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Not Connected Not Trusted
Python 3 (ipykernel)
Run
Code
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
In [108]:
trainfinal = pd.merge(train, meal_info, on="meal_id", how="outer")
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()
In [109]:
trainfinal = pd.merge(trainfinal,fulfilment_center_info, on="center_id", how="outer")
trainfinal.head()
Out[109]:
id week center_id meal_id checkout_price base_price emailer_for_promotion homepage_featured num_orders category cuisine city_code region
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