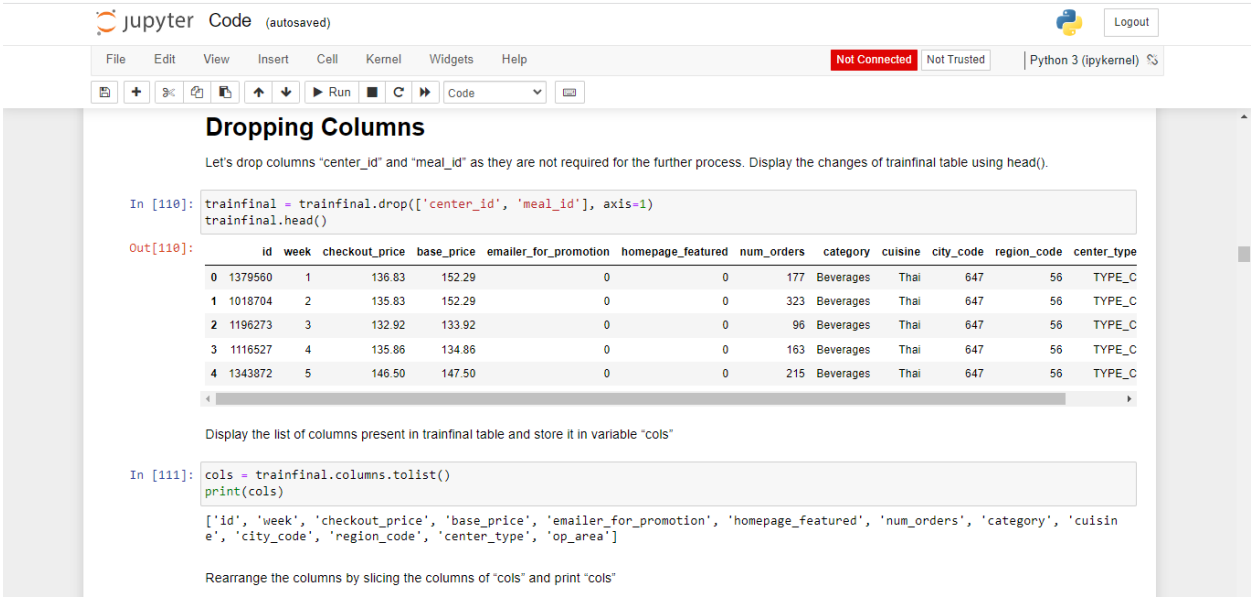
TEAM ID: PNT2022TMID52731

PROJECT NAME: DemandEst - AI powered Food Demand Forecaster

Team Leader



jupyter Code (autosaved)

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Run | Code

Dropping Columns

Let's drop columns "center_id" and "meal_id" as they are not required for the further process. Display the changes of trainfinal table using head().

In [110]:
```
trainfinal = trainfinal.drop(['center_id', 'meal_id'], axis=1)
trainfinal.head()
```

Out[110]:

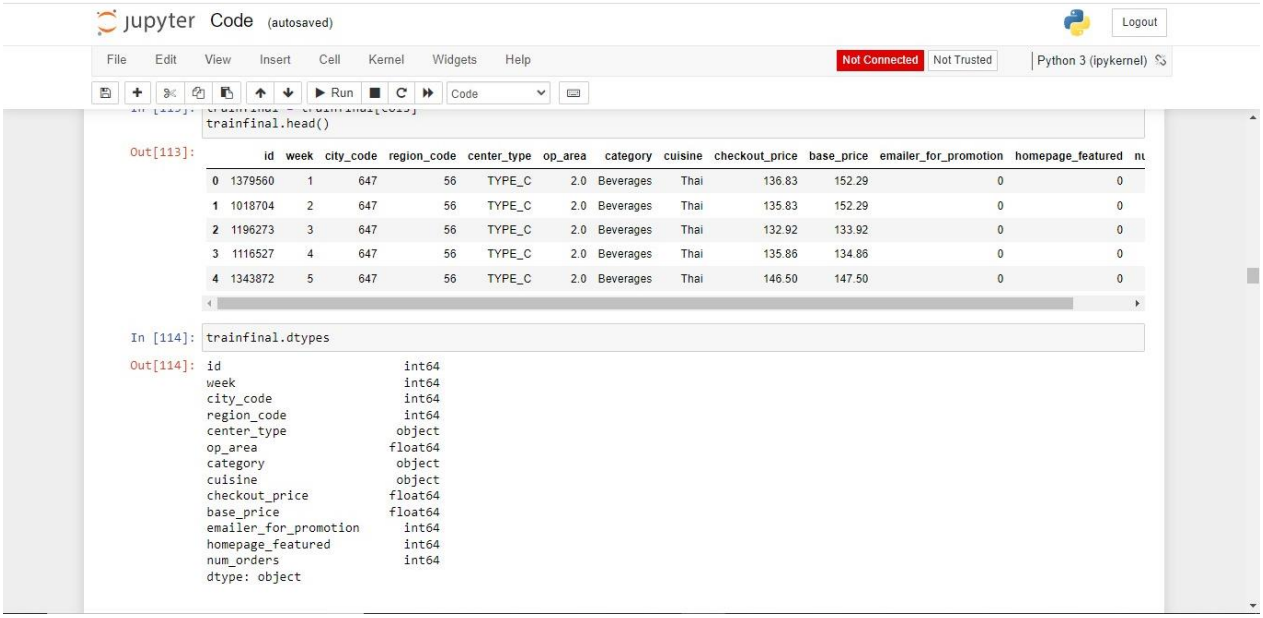
	id	week	checkout_price	base_price	emailer_for_promotion	homepage_featured	num_orders	category	cuisine	city_code	region_code	center_type
0	1379560	1	136.83	152.29	0	0	177	Beverages	Thai	647	56	TYPE_C
1	1018704	2	135.83	152.29	0	0	323	Beverages	Thai	647	56	TYPE_C
2	1196273	3	132.92	133.92	0	0	96	Beverages	Thai	647	56	TYPE_C
3	1116527	4	135.86	134.86	0	0	163	Beverages	Thai	647	56	TYPE_C
4	1343872	5	146.50	147.50	0	0	215	Beverages	Thai	647	56	TYPE_C

Display the list of columns present in trainfinal table and store it in variable "cols"

In [111]:
```
cols = trainfinal.columns.tolist()
print(cols)
```

```
['id', 'week', 'checkout_price', 'base_price', 'emailer_for_promotion', 'homepage_featured', 'num_orders', 'category', 'cuisin
e', 'city_code', 'region_code', 'center_type', 'op_area']
```

Rearrange the columns by slicing the columns of "cols" and print "cols"




```
trainfinal.head()
```

Out[113]:

	id	week	city_code	region_code	center_type	op_area	category	cuisine	checkout_price	base_price	emailer_for_promotion	homepage_featured	nu
0	1379560	1	647	56	TYPE_C	2.0	Beverages	Thai	136.83	152.29	0	0	
1	1018704	2	647	56	TYPE_C	2.0	Beverages	Thai	135.83	152.29	0	0	
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In [114]:
```
trainfinal.dtypes
```

Out[114]:
```
id                      int64
week                    int64
city_code               int64
region_code             int64
center_type            object
op_area               float64
category               object
cuisine                object
checkout_price        float64
base_price            float64
emailer_for_promotion   int64
homepage_featured       int64
num_orders              int64
dtype: object
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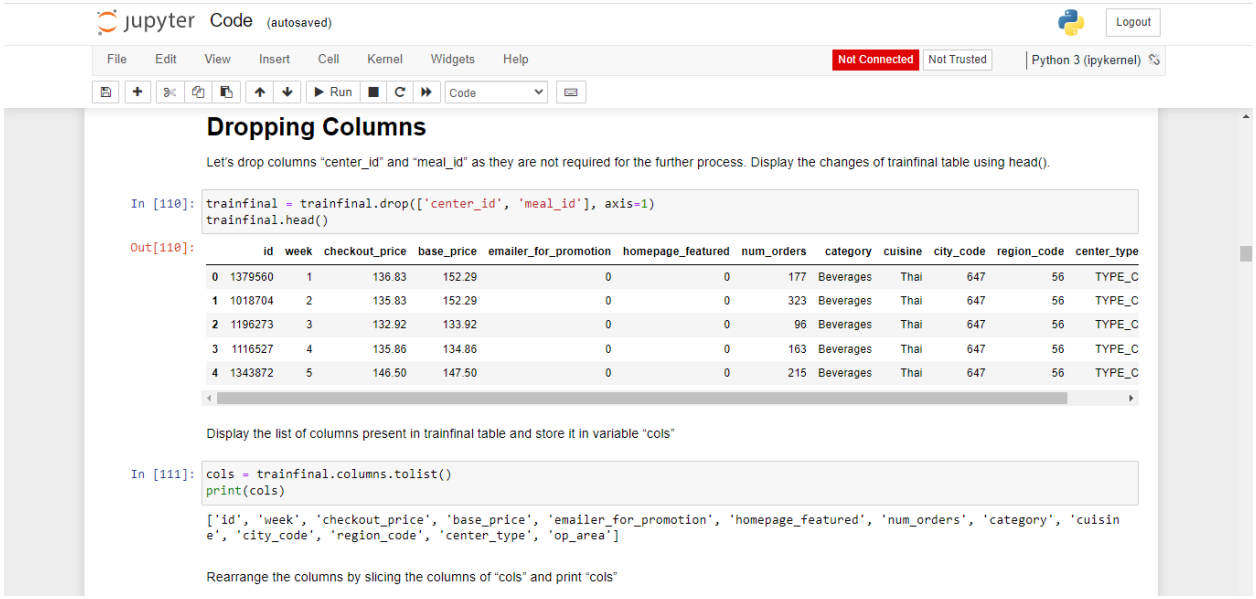
Team Member 1



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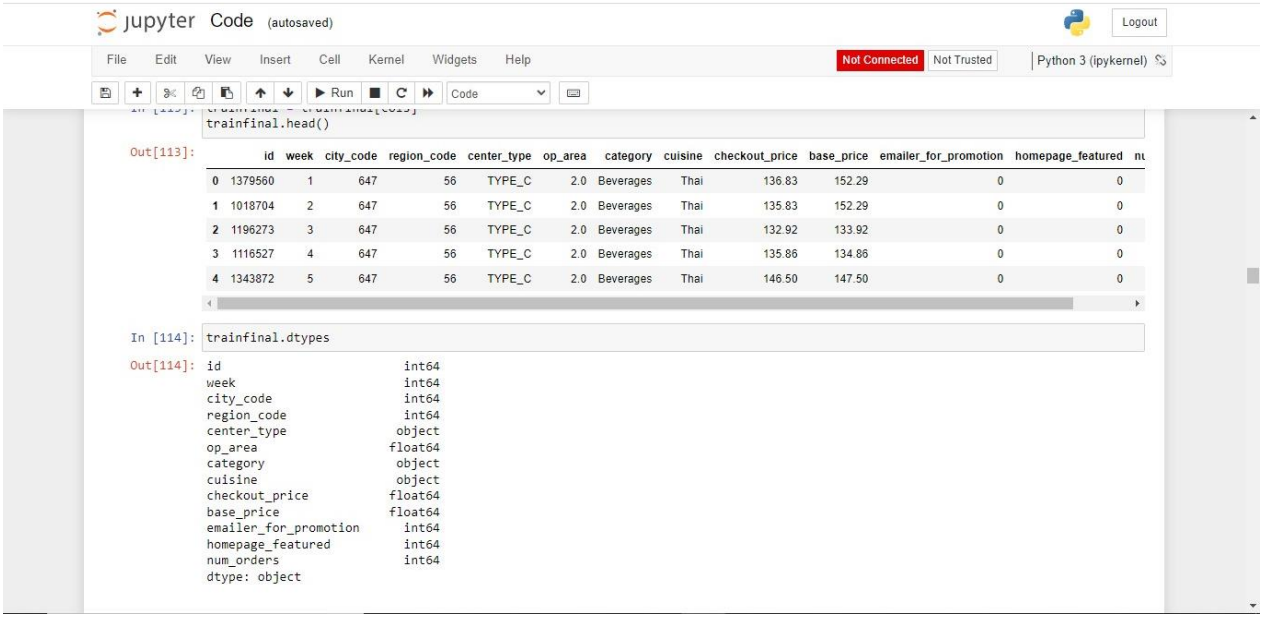

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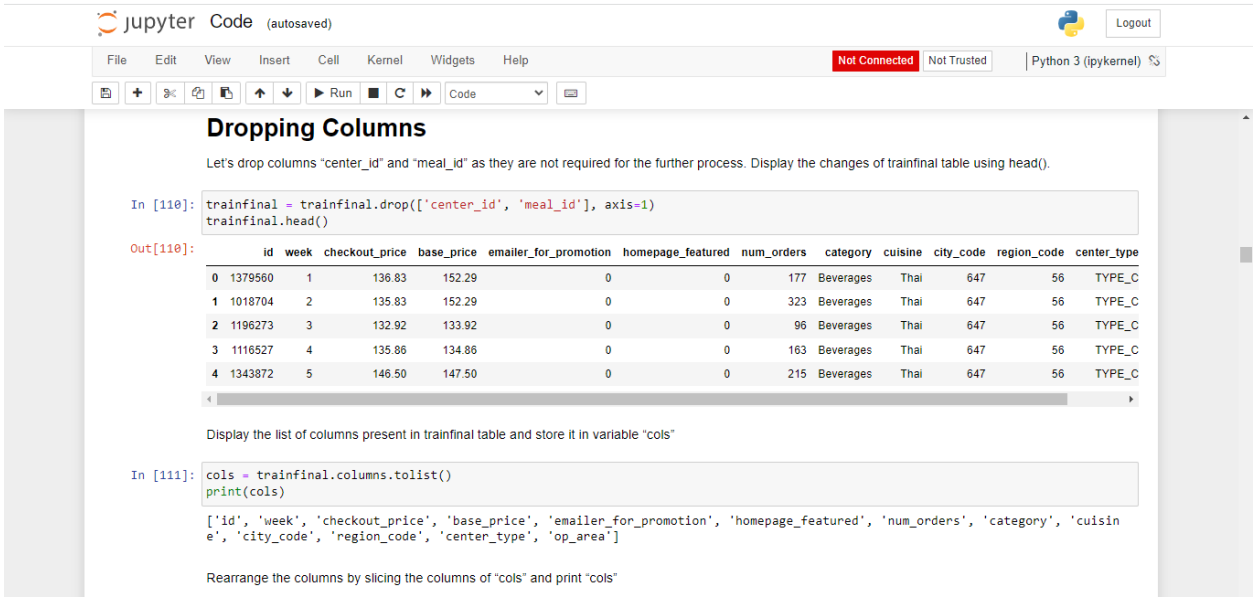
Team Member 2



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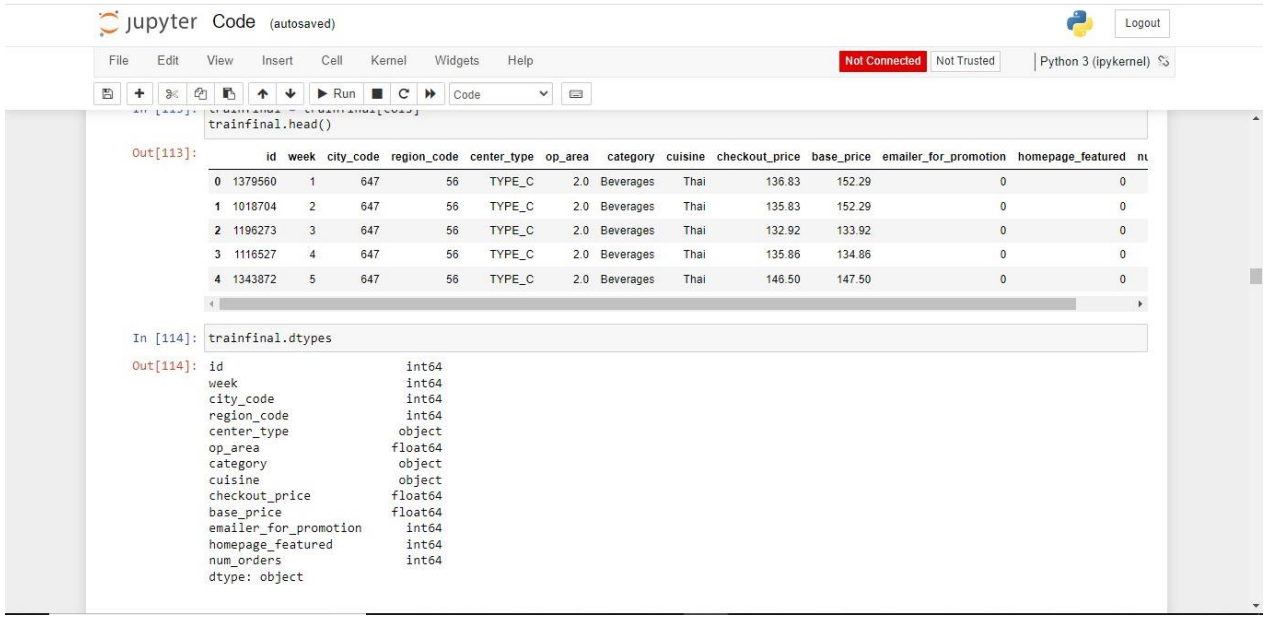


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cuisine                object
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base_price            float64
emailer_for_promotion   int64
homepage_featured       int64
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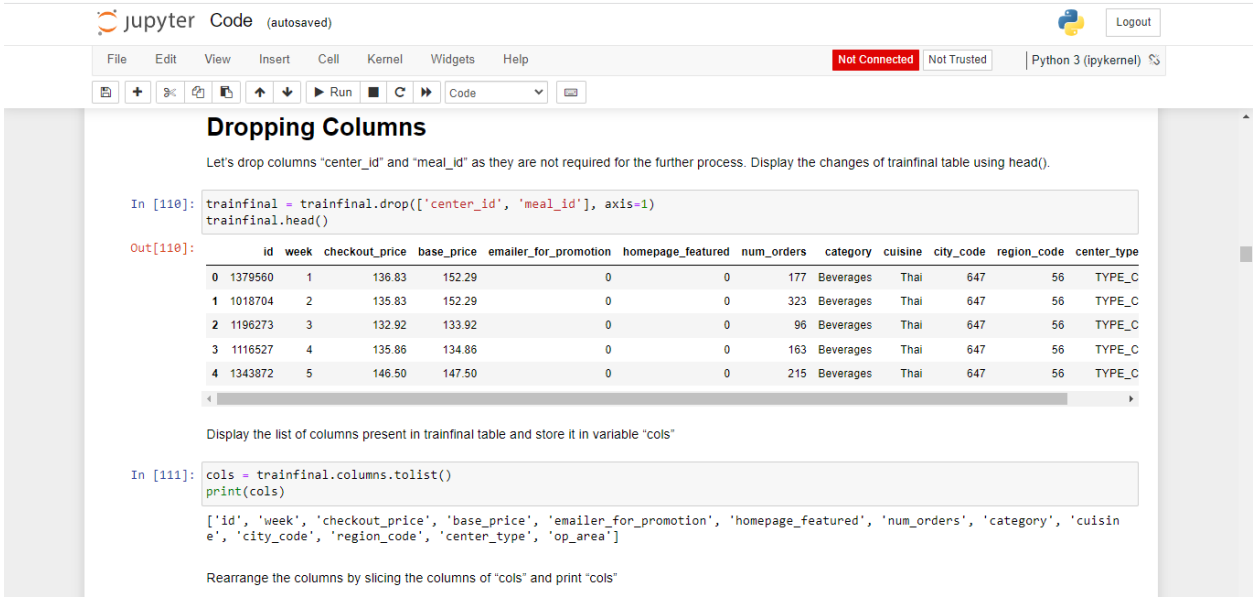
Team Member 3



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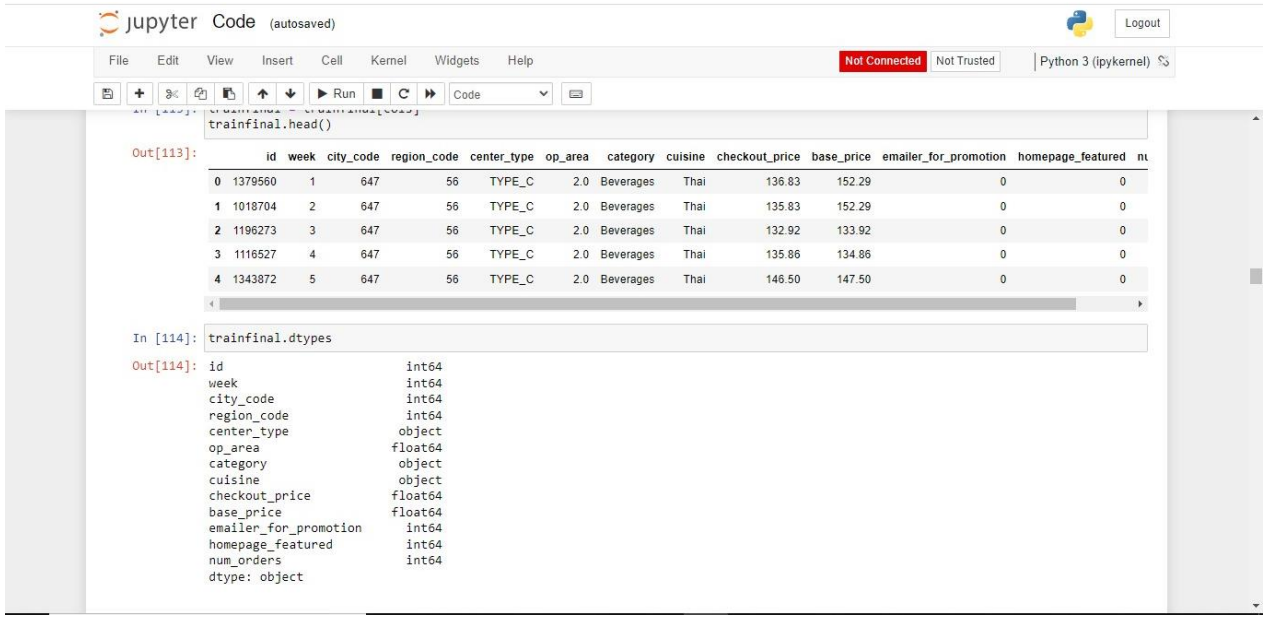


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