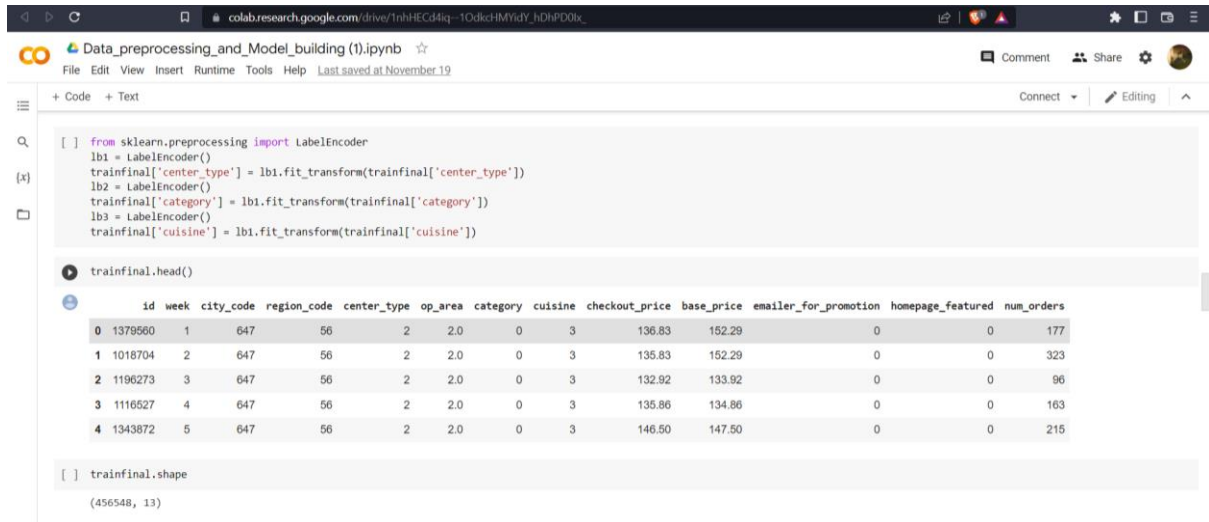


Team ID: PNT2022TMID23576

PROJECT NAME: DemandEst - AI powered Food Demand Forecaster

Team Leader



The screenshot shows a Google Colab notebook titled "Data\_preprocessing\_and\_Model\_building (1).ipynb". The code cell contains the following Python code:

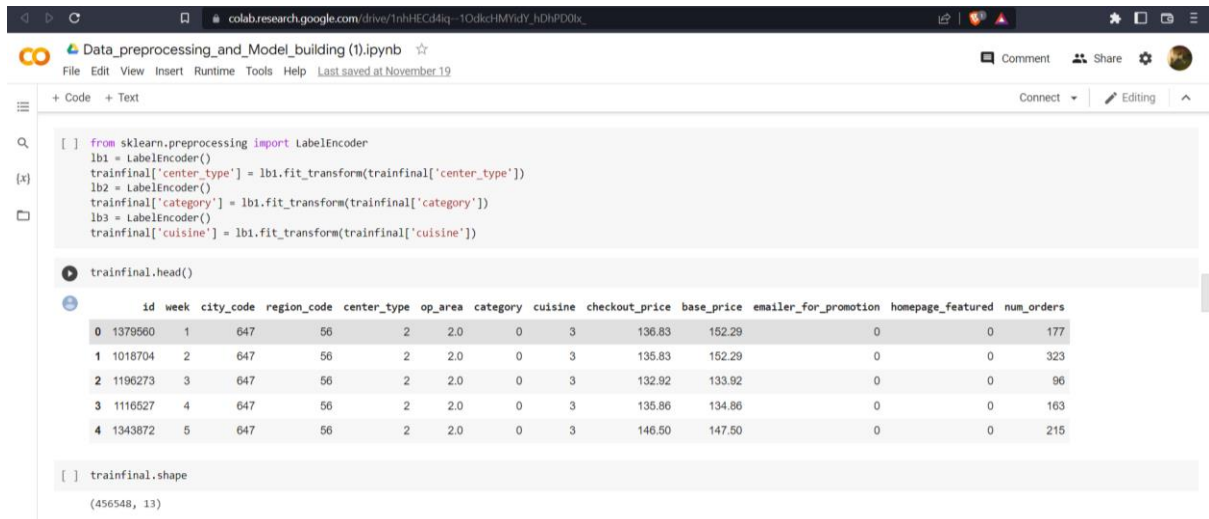
```
[ ] from sklearn.preprocessing import LabelEncoder
lb1 = LabelEncoder()
trainfinal['center_type'] = lb1.fit_transform(trainfinal['center_type'])
lb2 = LabelEncoder()
trainfinal['category'] = lb1.fit_transform(trainfinal['category'])
lb3 = LabelEncoder()
trainfinal['cuisine'] = lb1.fit_transform(trainfinal['cuisine'])
```

The output cell shows the result of `trainfinal.head()`, displaying a DataFrame with 13 columns and 5 rows of data:

	id	week	city_code	region_code	center_type	op_area	category	cuisine	checkout_price	base_price	emailer_for_promotion	homepage_featured	num_orders
0	1379560	1	647	56	2	2.0	0	3	136.83	152.29	0	0	177
1	1018704	2	647	56	2	2.0	0	3	135.83	152.29	0	0	323
2	1196273	3	647	56	2	2.0	0	3	132.92	133.92	0	0	96
3	1116527	4	647	56	2	2.0	0	3	135.86	134.86	0	0	163
4	1343872	5	647	56	2	2.0	0	3	146.50	147.50	0	0	215

The final output cell shows the result of `trainfinal.shape`, which is `(456548, 13)`.

Team Member 1



The screenshot shows a Google Colab notebook titled "Data\_preprocessing\_and\_Model\_building (1).ipynb". The code cell contains the following Python code:

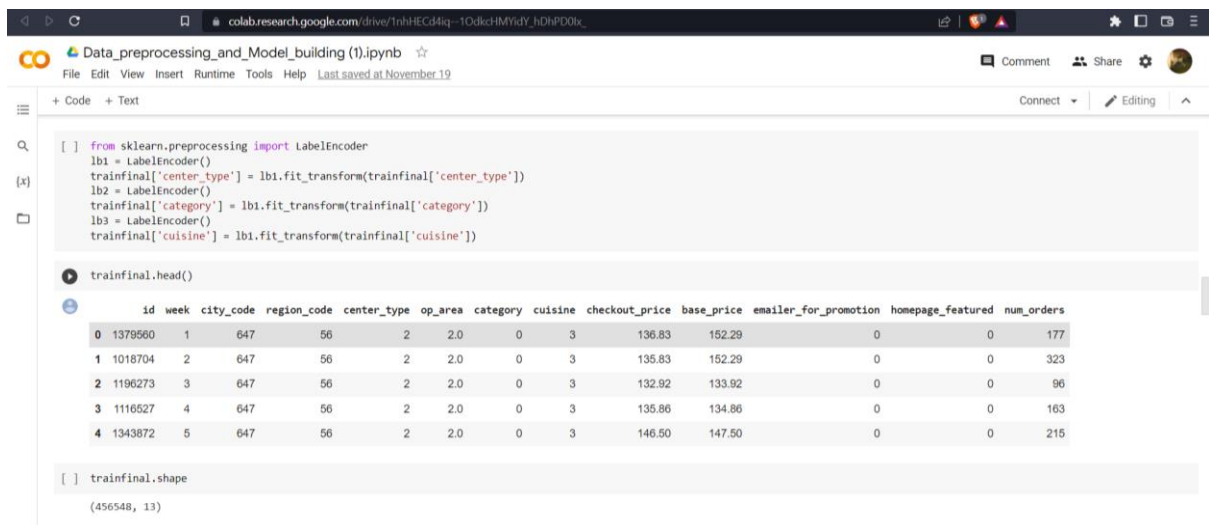
```
[ ] from sklearn.preprocessing import LabelEncoder
lb1 = LabelEncoder()
trainfinal['center_type'] = lb1.fit_transform(trainfinal['center_type'])
lb2 = LabelEncoder()
trainfinal['category'] = lb1.fit_transform(trainfinal['category'])
lb3 = LabelEncoder()
trainfinal['cuisine'] = lb1.fit_transform(trainfinal['cuisine'])
```

The output cell shows the result of `trainfinal.head()`, displaying a DataFrame with 13 columns and 5 rows of data:

	id	week	city_code	region_code	center_type	op_area	category	cuisine	checkout_price	base_price	emailer_for_promotion	homepage_featured	num_orders
0	1379560	1	647	56	2	2.0	0	3	136.83	152.29	0	0	177
1	1018704	2	647	56	2	2.0	0	3	135.83	152.29	0	0	323
2	1196273	3	647	56	2	2.0	0	3	132.92	133.92	0	0	96
3	1116527	4	647	56	2	2.0	0	3	135.86	134.86	0	0	163
4	1343872	5	647	56	2	2.0	0	3	146.50	147.50	0	0	215

The final output cell shows the result of `trainfinal.shape`, which is `(456548, 13)`.

## Team Member 2



The screenshot shows a Google Colab notebook titled "Data\_preprocessing\_and\_Model\_building (1).ipynb". The code cell contains the following Python code:

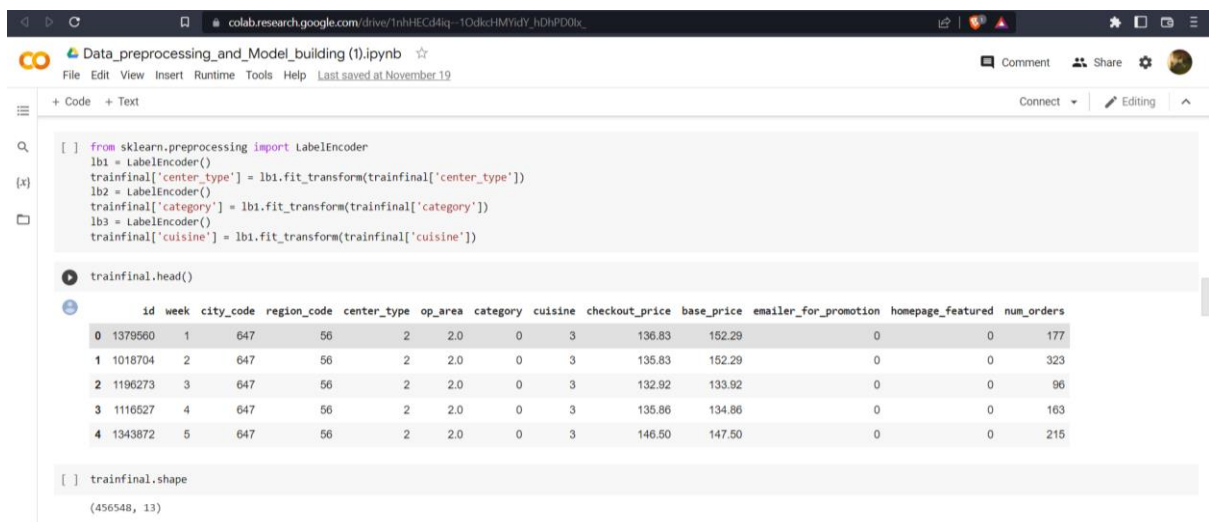
```
[ ] from sklearn.preprocessing import LabelEncoder
lb1 = LabelEncoder()
trainfinal['center_type'] = lb1.fit_transform(trainfinal['center_type'])
lb2 = LabelEncoder()
trainfinal['category'] = lb1.fit_transform(trainfinal['category'])
lb3 = LabelEncoder()
trainfinal['cuisine'] = lb1.fit_transform(trainfinal['cuisine'])
```

Below the code, the output of `trainfinal.head()` is displayed as a DataFrame with 13 columns: `id`, `week`, `city_code`, `region_code`, `center_type`, `op_area`, `category`, `cuisine`, `checkout_price`, `base_price`, `emailer_for_promotion`, `homepage_featured`, and `num_orders`. The first five rows of data are shown:

	id	week	city_code	region_code	center_type	op_area	category	cuisine	checkout_price	base_price	emailer_for_promotion	homepage_featured	num_orders
0	1379560	1	647	56	2	2.0	0	3	136.83	152.29	0	0	177
1	1018704	2	647	56	2	2.0	0	3	135.83	152.29	0	0	323
2	1196273	3	647	56	2	2.0	0	3	132.92	133.92	0	0	96
3	1116527	4	647	56	2	2.0	0	3	135.86	134.86	0	0	163
4	1343872	5	647	56	2	2.0	0	3	146.50	147.50	0	0	215

Finally, the output of `trainfinal.shape` is shown as `(456548, 13)`.

## Team Member 3



The screenshot shows a Google Colab notebook titled "Data\_preprocessing\_and\_Model\_building (1).ipynb". The code cell contains the following Python code:

```
[ ] from sklearn.preprocessing import LabelEncoder
lb1 = LabelEncoder()
trainfinal['center_type'] = lb1.fit_transform(trainfinal['center_type'])
lb2 = LabelEncoder()
trainfinal['category'] = lb1.fit_transform(trainfinal['category'])
lb3 = LabelEncoder()
trainfinal['cuisine'] = lb1.fit_transform(trainfinal['cuisine'])
```

Below the code, the output of `trainfinal.head()` is displayed as a DataFrame with 13 columns: `id`, `week`, `city_code`, `region_code`, `center_type`, `op_area`, `category`, `cuisine`, `checkout_price`, `base_price`, `emailer_for_promotion`, `homepage_featured`, and `num_orders`. The first five rows of data are shown:

	id	week	city_code	region_code	center_type	op_area	category	cuisine	checkout_price	base_price	emailer_for_promotion	homepage_featured	num_orders
0	1379560	1	647	56	2	2.0	0	3	136.83	152.29	0	0	177
1	1018704	2	647	56	2	2.0	0	3	135.83	152.29	0	0	323
2	1196273	3	647	56	2	2.0	0	3	132.92	133.92	0	0	96
3	1116527	4	647	56	2	2.0	0	3	135.86	134.86	0	0	163
4	1343872	5	647	56	2	2.0	0	3	146.50	147.50	0	0	215

Finally, the output of `trainfinal.shape` is shown as `(456548, 13)`.