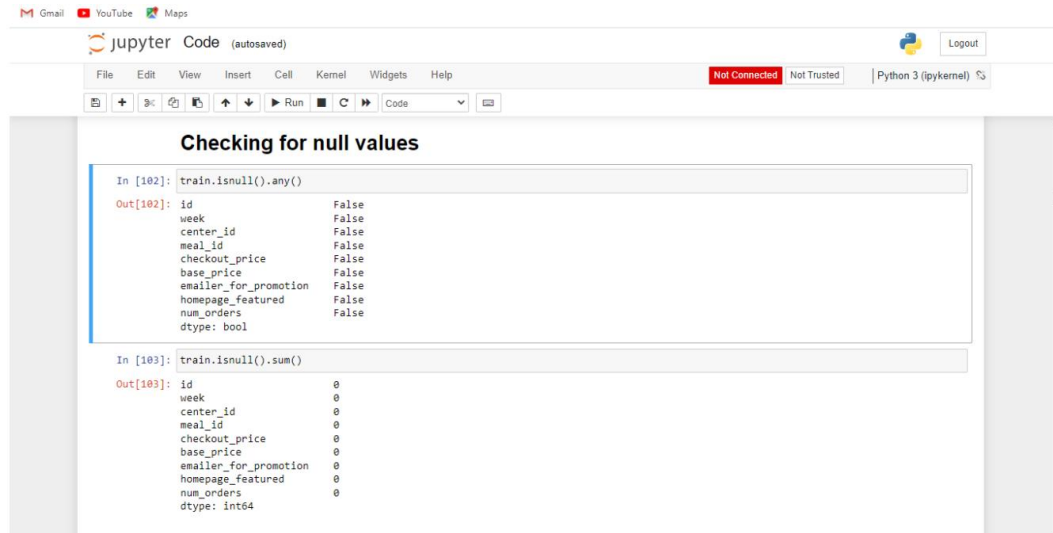


TEAM ID: PNT2022TMID52731

PROJECT NAME: DemandEst - AI powered Food Demand Forecaster

Team Leader

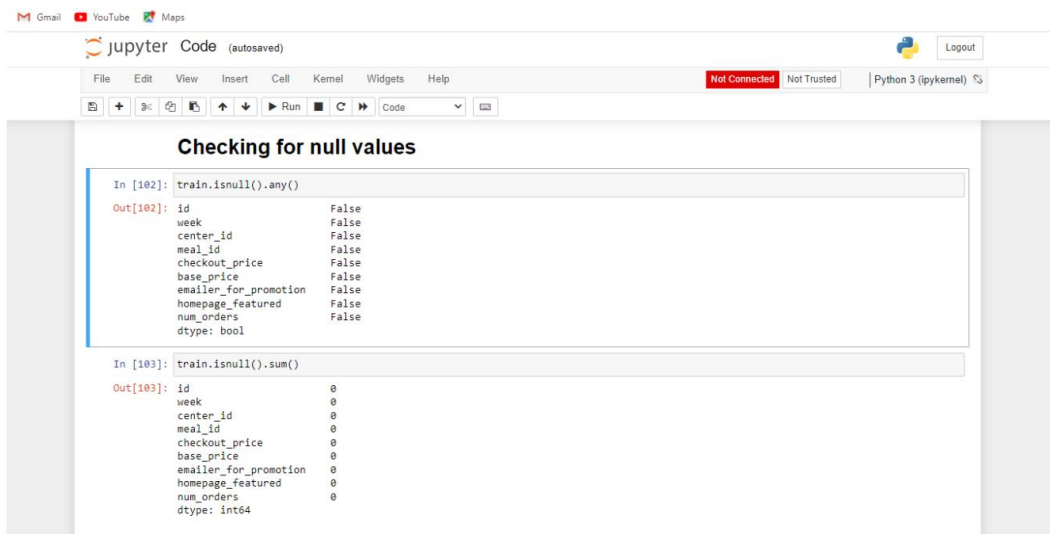


The screenshot shows a Jupyter Notebook interface with the title 'Checking for null values'. It contains two code cells. The first cell, labeled 'In [102]:', executes the command `train.isnull().any()`. The output, labeled 'Out[102]:', is a Series of boolean values for each column: id (False), week (False), center_id (False), meal_id (False), checkout_price (False), base_price (False), emailer_for_promotion (False), homepage_featured (False), num_orders (False), and dtype: bool. The second cell, labeled 'In [103]:', executes the command `train.isnull().sum()`. The output, labeled 'Out[103]:', is a Series of integer values for each column, all of which are 0, indicating no null values: id (0), week (0), center_id (0), meal_id (0), checkout_price (0), base_price (0), emailer_for_promotion (0), homepage_featured (0), num_orders (0), and dtype: int64.

```
In [102]: train.isnull().any()
Out[102]: id                False
          week              False
          center_id         False
          meal_id           False
          checkout_price     False
          base_price         False
          emailer_for_promotion False
          homepage_featured  False
          num_orders         False
          dtype: bool

In [103]: train.isnull().sum()
Out[103]: id                0
          week              0
          center_id         0
          meal_id           0
          checkout_price     0
          base_price         0
          emailer_for_promotion 0
          homepage_featured  0
          num_orders         0
          dtype: int64
```

Team Member 1



The screenshot shows a Jupyter Notebook interface with the title 'Checking for null values'. It contains two code cells. The first cell, labeled 'In [102]:', executes the command `train.isnull().any()`. The output, labeled 'Out[102]:', is a Series of boolean values for each column: id (False), week (False), center_id (False), meal_id (False), checkout_price (False), base_price (False), emailer_for_promotion (False), homepage_featured (False), num_orders (False), and dtype: bool. The second cell, labeled 'In [103]:', executes the command `train.isnull().sum()`. The output, labeled 'Out[103]:', is a Series of integer values for each column, all of which are 0, indicating no null values: id (0), week (0), center_id (0), meal_id (0), checkout_price (0), base_price (0), emailer_for_promotion (0), homepage_featured (0), num_orders (0), and dtype: int64.

```
In [102]: train.isnull().any()
Out[102]: id                False
          week              False
          center_id         False
          meal_id           False
          checkout_price     False
          base_price         False
          emailer_for_promotion False
          homepage_featured  False
          num_orders         False
          dtype: bool

In [103]: train.isnull().sum()
Out[103]: id                0
          week              0
          center_id         0
          meal_id           0
          checkout_price     0
          base_price         0
          emailer_for_promotion 0
          homepage_featured  0
          num_orders         0
          dtype: int64
```

Team Member 2

Gmail YouTube Maps

jupyter Code (autosaved) Logout

File Edit View Insert Cell Kernel Widgets Help Not Connected Not Trusted Python 3 (ipykernel)

Checking for null values

```
In [102]: train.isnull().any()
Out[102]: id                False
          week              False
          center_id         False
          meal_id           False
          checkout_price     False
          base_price         False
          emailer_for_promotion False
          homepage_featured  False
          num_orders         False
          dtype: bool
```

```
In [103]: train.isnull().sum()
Out[103]: id                0
          week              0
          center_id         0
          meal_id           0
          checkout_price     0
          base_price         0
          emailer_for_promotion 0
          homepage_featured  0
          num_orders         0
          dtype: int64
```

Team Member 3

Gmail YouTube Maps

jupyter Code (autosaved) Logout

File Edit View Insert Cell Kernel Widgets Help Not Connected Not Trusted Python 3 (ipykernel)

Checking for null values

```
In [102]: train.isnull().any()
Out[102]: id                False
          week              False
          center_id         False
          meal_id           False
          checkout_price     False
          base_price         False
          emailer_for_promotion False
          homepage_featured  False
          num_orders         False
          dtype: bool
```

```
In [103]: train.isnull().sum()
Out[103]: id                0
          week              0
          center_id         0
          meal_id           0
          checkout_price     0
          base_price         0
          emailer_for_promotion 0
          homepage_featured  0
          num_orders         0
          dtype: int64
```