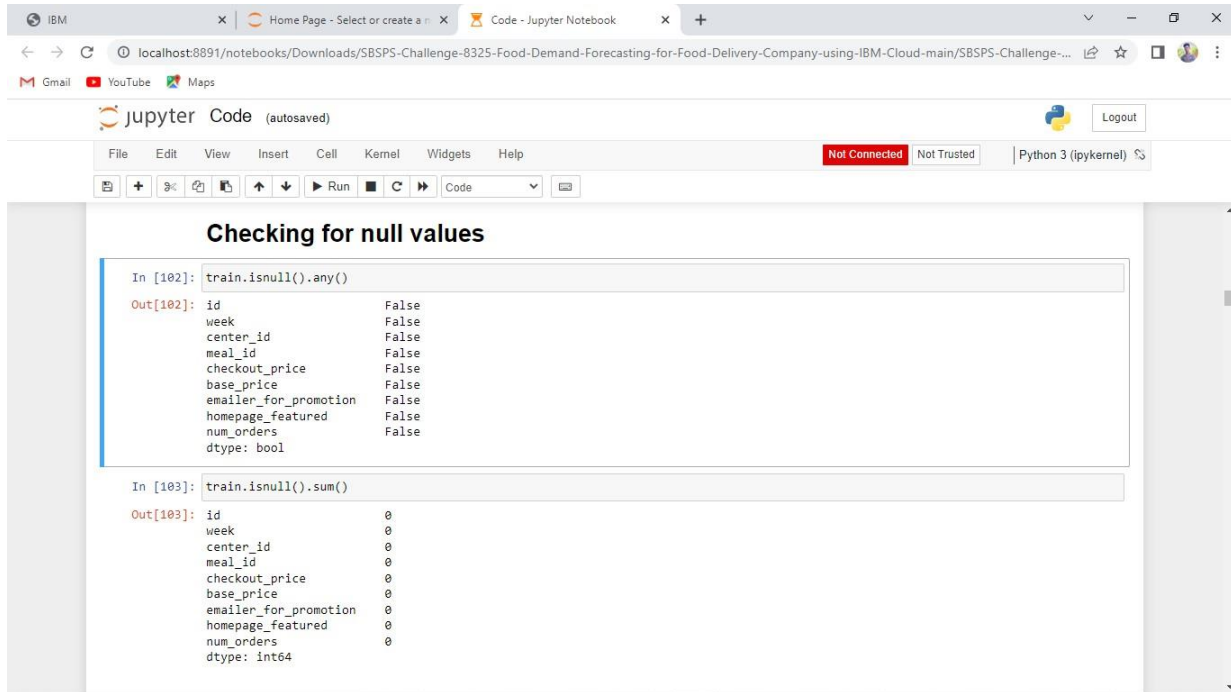


TEAM ID: PNT2022TMID32368

PROJECT NAME: DemandEst - AI powered Food Demand Forecaster

Team Leader

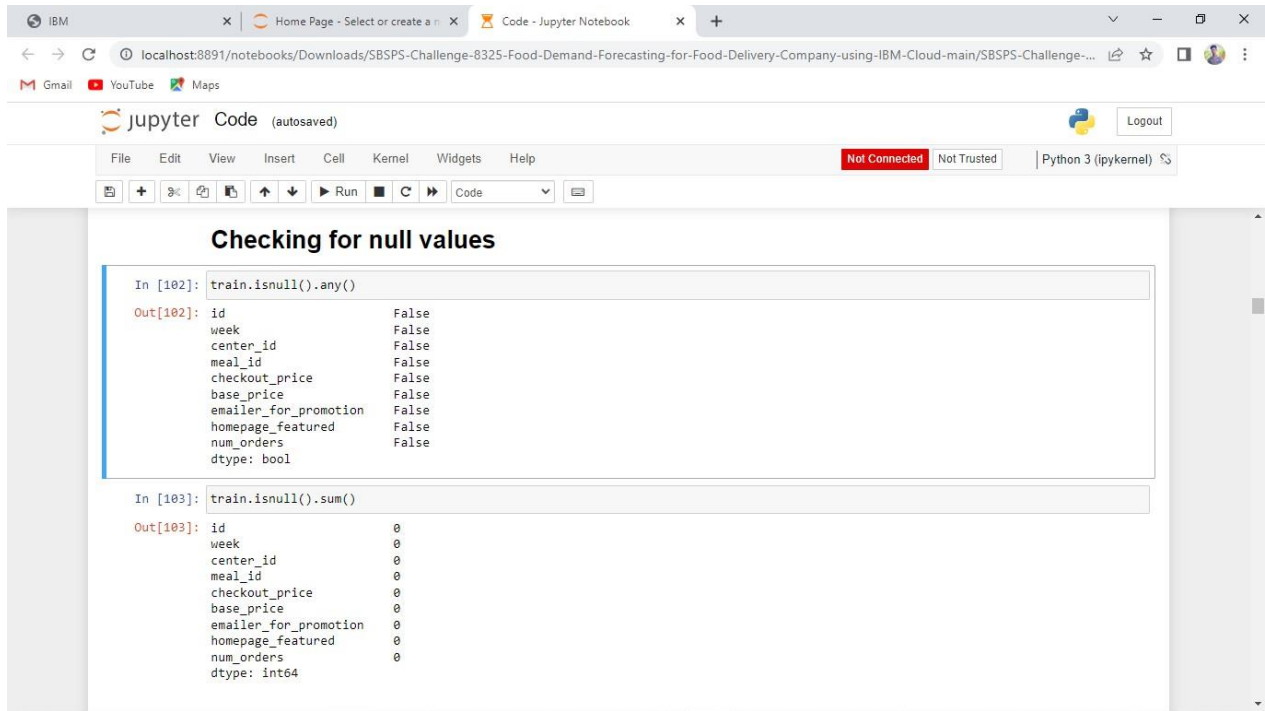


The screenshot shows a Jupyter Notebook interface in a web browser. The browser tabs include 'IBM', 'Home Page - Select or create a n...', and 'Code - Jupyter Notebook'. The address bar shows the URL: 'localhost:8891/notebooks/Downloads/SBSPS-Challenge-8325-Food-Demand-Forecasting-for-Food-Delivery-Company-using-IBM-Cloud-main/SBSPS-Challenge-...'. The Jupyter Notebook interface has a top bar with 'jupyter Code (autosaved)' and a 'Logout' button. Below the top bar is a menu bar with 'File', 'Edit', 'View', 'Insert', 'Cell', 'Kernel', 'Widgets', and 'Help'. A status bar indicates 'Not Connected', 'Not Trusted', and 'Python 3 (ipykernel)'. The notebook content is titled 'Checking for null values' and contains two code cells. The first cell shows the command 'train.isnull().any()' and its output, which is a series of boolean values for various features. The second cell shows the command 'train.isnull().sum()' and its output, which is a series of integer values for the same features.

```
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

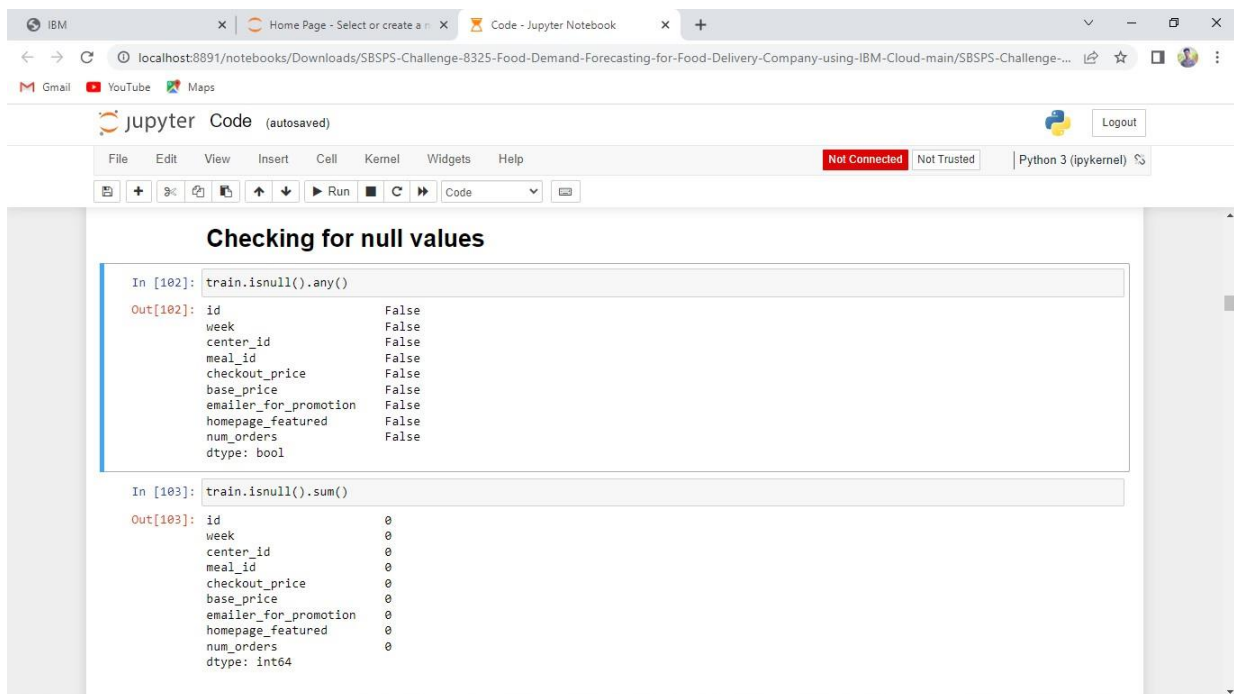


The screenshot shows a Jupyter Notebook interface with a browser window. The notebook is titled "Checking for null values". It contains two code cells. The first cell, labeled "In [102]:", runs the command `train.isnull().any()`. The output, labeled "Out[102]:", is a Series of boolean values for each column: id, week, center_id, meal_id, checkout_price, base_price, emailer_for_promotion, homepage_featured, num_orders, and dtype: bool. All values are False. The second cell, labeled "In [103]:", runs the command `train.isnull().sum()`. The output, labeled "Out[103]:", is a Series of integer values for each column: id, week, center_id, meal_id, checkout_price, base_price, emailer_for_promotion, homepage_featured, num_orders, and dtype: int64. All values are 0.

```
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

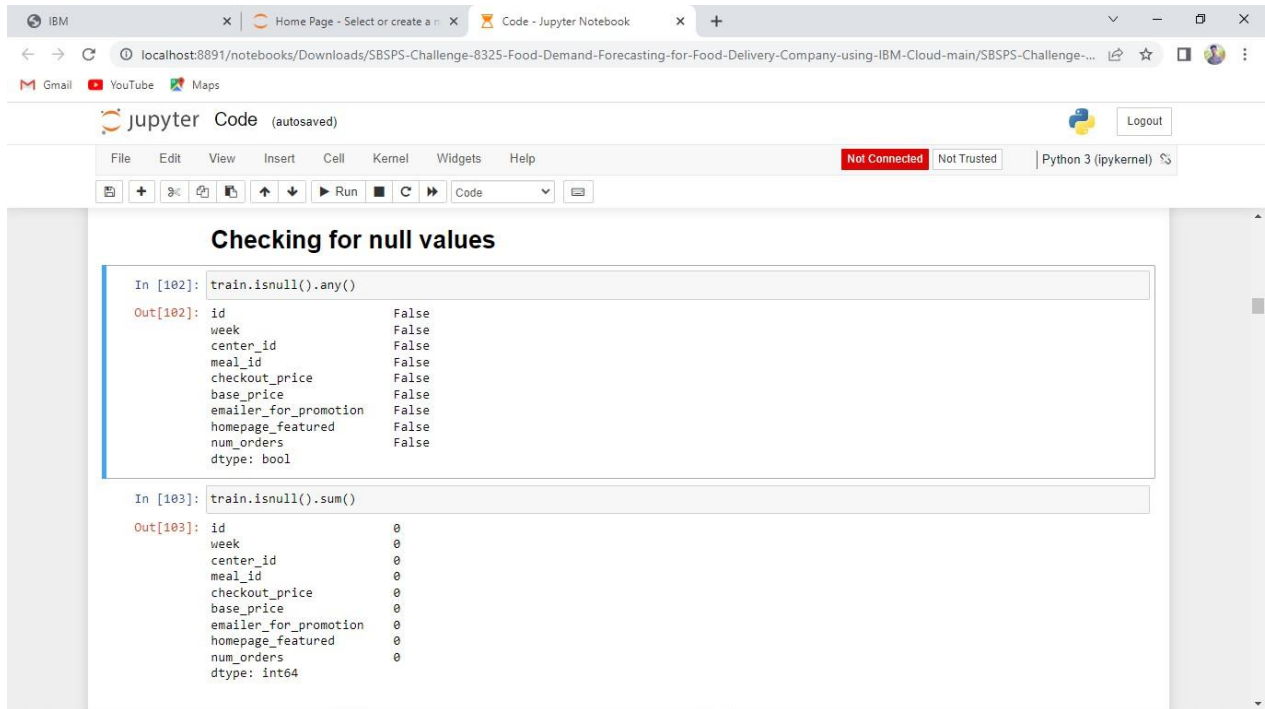


The screenshot shows a Jupyter Notebook interface with a browser window. The notebook is titled "Checking for null values". It contains two code cells. The first cell, labeled "In [102]:", runs the command `train.isnull().any()`. The output, labeled "Out[102]:", is a Series of boolean values for each column: id, week, center_id, meal_id, checkout_price, base_price, emailer_for_promotion, homepage_featured, num_orders, and dtype: bool. All values are False. The second cell, labeled "In [103]:", runs the command `train.isnull().sum()`. The output, labeled "Out[103]:", is a Series of integer values for each column: id, week, center_id, meal_id, checkout_price, base_price, emailer_for_promotion, homepage_featured, num_orders, and dtype: int64. All values are 0.

```
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

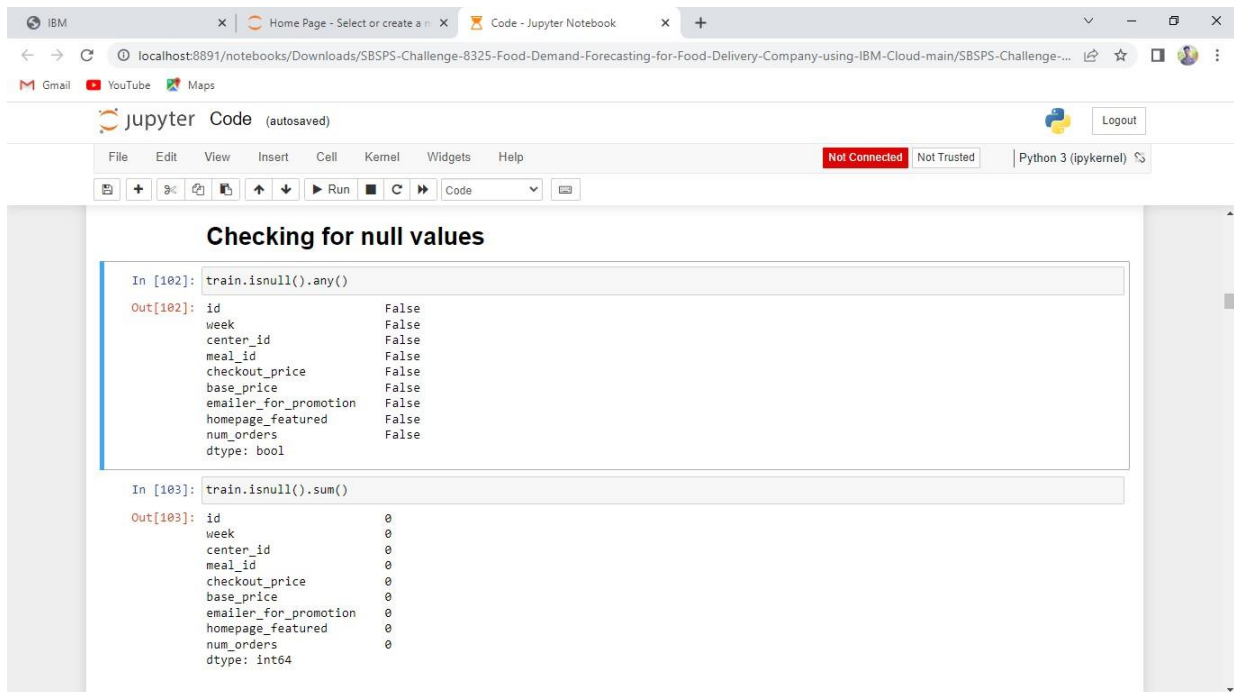


The screenshot shows a Jupyter Notebook interface with a browser window at the top. The notebook is titled "Checking for null values". It contains two code cells. The first cell, labeled "In [102]:", contains the code `train.isnull().any()`. The output, labeled "Out[102]:", is a Series of boolean values for each column: id, week, center_id, meal_id, checkout_price, base_price, emailer_for_promotion, homepage_featured, num_orders, and dtype: bool. All values are False. The second cell, labeled "In [103]:", contains the code `train.isnull().sum()`. The output, labeled "Out[103]:", is a Series of integer values for each column: id, week, center_id, meal_id, checkout_price, base_price, emailer_for_promotion, homepage_featured, num_orders, and dtype: int64. All values are 0.

```
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



The screenshot shows a Jupyter Notebook interface with a browser window at the top. The notebook is titled "Checking for null values". It contains two code cells. The first cell, labeled "In [102]:", contains the code `train.isnull().any()`. The output, labeled "Out[102]:", is a Series of boolean values for each column: id, week, center_id, meal_id, checkout_price, base_price, emailer_for_promotion, homepage_featured, num_orders, and dtype: bool. All values are False. The second cell, labeled "In [103]:", contains the code `train.isnull().sum()`. The output, labeled "Out[103]:", is a Series of integer values for each column: id, week, center_id, meal_id, checkout_price, base_price, emailer_for_promotion, homepage_featured, num_orders, and dtype: int64. All values are 0.

```
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
```