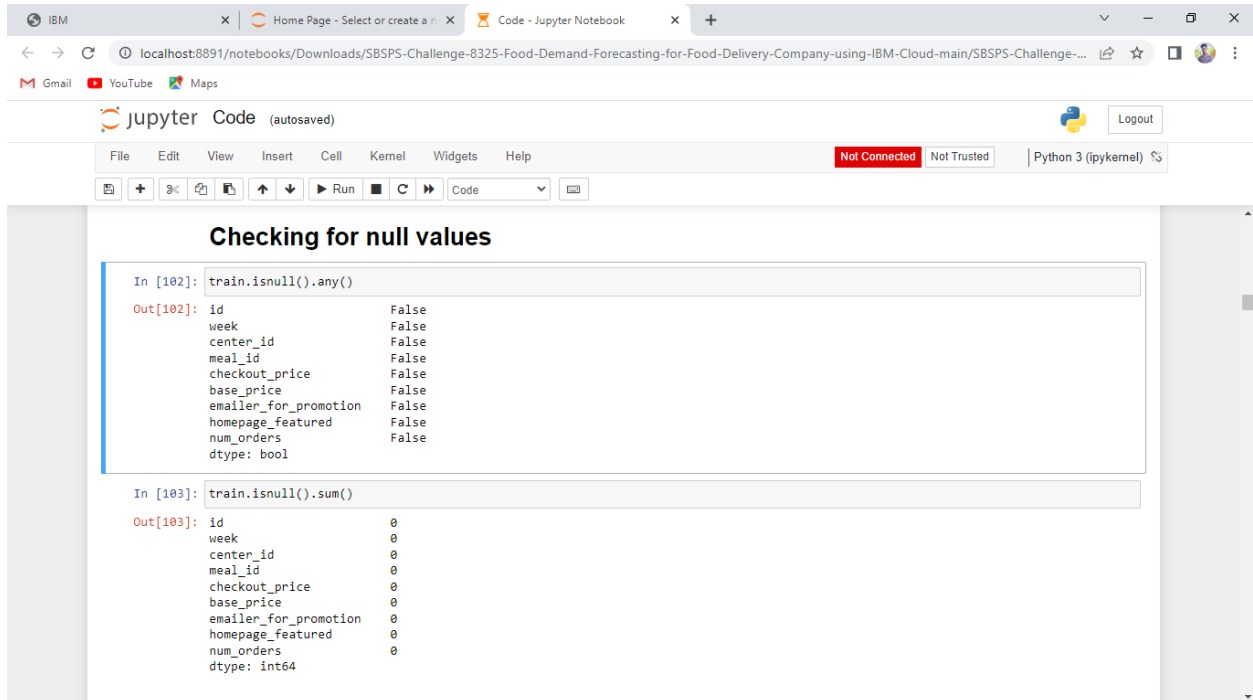


TEAM ID: PNT2022TMID17645

PROJECT NAME: DemandEst - AI powered Food Demand Forecaster

Team Leader



The screenshot shows a Jupyter Notebook interface in a web browser. The browser's 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 includes a menu bar (File, Edit, View, Insert, Cell, Kernel, Widgets, Help), a toolbar with icons for file operations and execution, and a status bar indicating "Not Connected", "Not Trusted", and "Python 3 (ipykernel)".

The notebook contains two code cells. The first cell is titled "Checking for null values" and contains the following code and output:

```
In [102]: train.isnull().any()
```

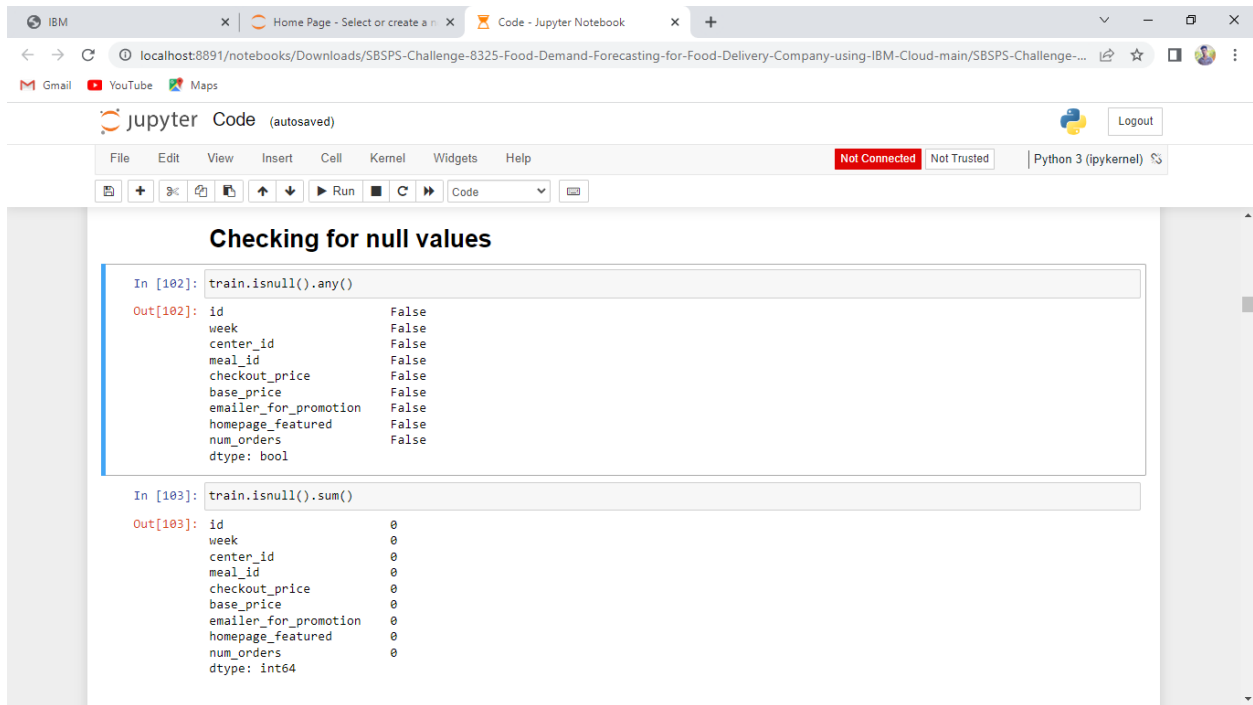
Variable	Value
id	False
week	False
center_id	False
meal_id	False
checkout_price	False
base_price	False
emailer_for_promotion	False
homepage_featured	False
num_orders	False
dtype	bool

The second cell contains the following code and output:

```
In [103]: train.isnull().sum()
```

Variable	Value
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

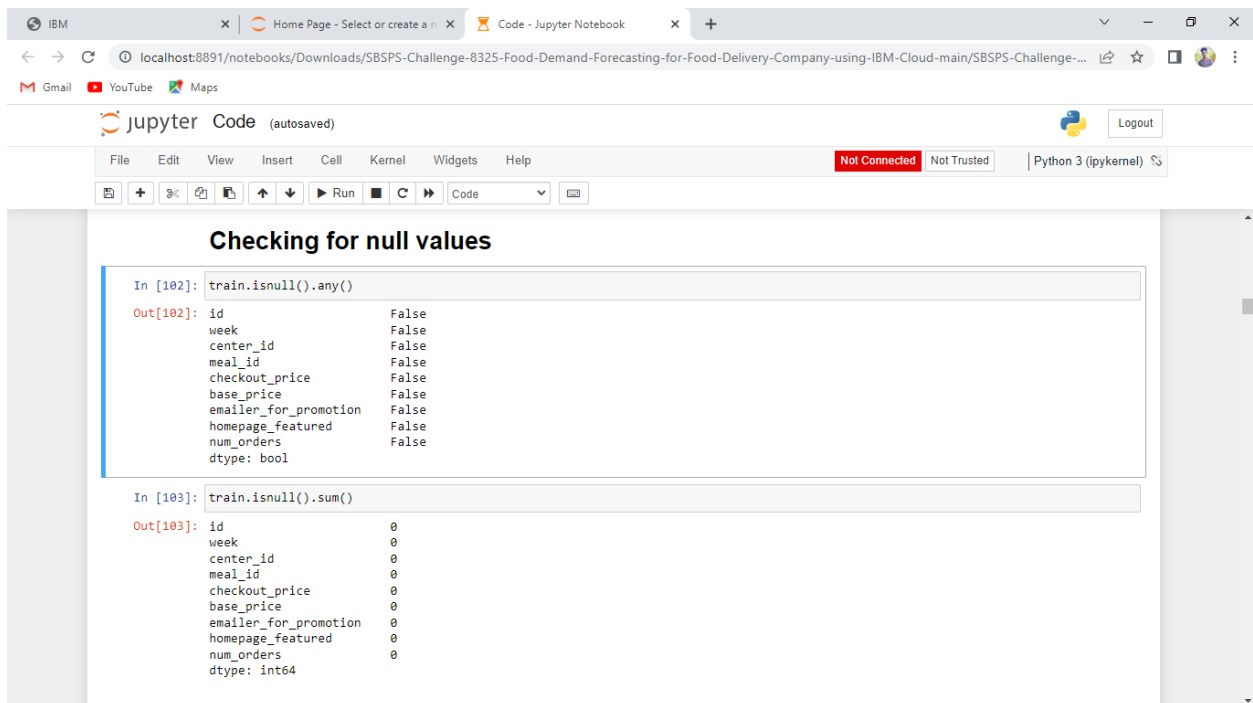


The screenshot shows a Jupyter Notebook interface with a browser window at the top. The notebook is titled "Code - Jupyter Notebook" and is running on a local host. The interface includes a menu bar (File, Edit, View, Insert, Cell, Kernel, Widgets, Help) and a toolbar with icons for file operations, zooming, and running code. The notebook content is titled "Checking for null values" and contains two code cells. The first cell, labeled "In [102]:", contains the code `train.isnull().any()`. The output, labeled "Out[102]:", shows a series of attributes and their corresponding boolean values, all of which are False, indicating no null values. The second cell, labeled "In [103]:", contains the code `train.isnull().sum()`. The output, labeled "Out[103]:", shows the same attributes with their corresponding integer values, all of which are 0, further confirming the absence of null values. The notebook is running on Python 3 (ipykernel).

```
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

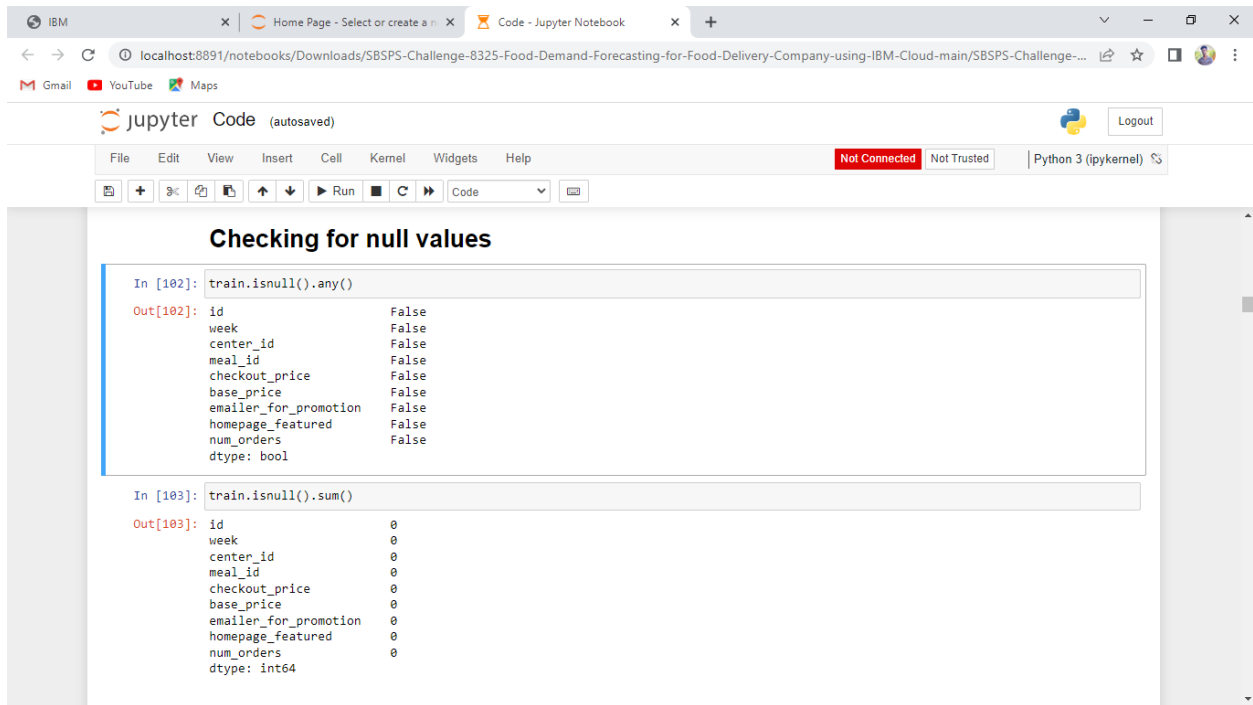


This screenshot is identical to the one above, showing the same Jupyter Notebook interface and code execution results. The notebook is titled "Code - Jupyter Notebook" and is running on a local host. The interface includes a menu bar (File, Edit, View, Insert, Cell, Kernel, Widgets, Help) and a toolbar with icons for file operations, zooming, and running code. The notebook content is titled "Checking for null values" and contains two code cells. The first cell, labeled "In [102]:", contains the code `train.isnull().any()`. The output, labeled "Out[102]:", shows a series of attributes and their corresponding boolean values, all of which are False, indicating no null values. The second cell, labeled "In [103]:", contains the code `train.isnull().sum()`. The output, labeled "Out[103]:", shows the same attributes with their corresponding integer values, all of which are 0, further confirming the absence of null values. The notebook is running on Python 3 (ipykernel).

```
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

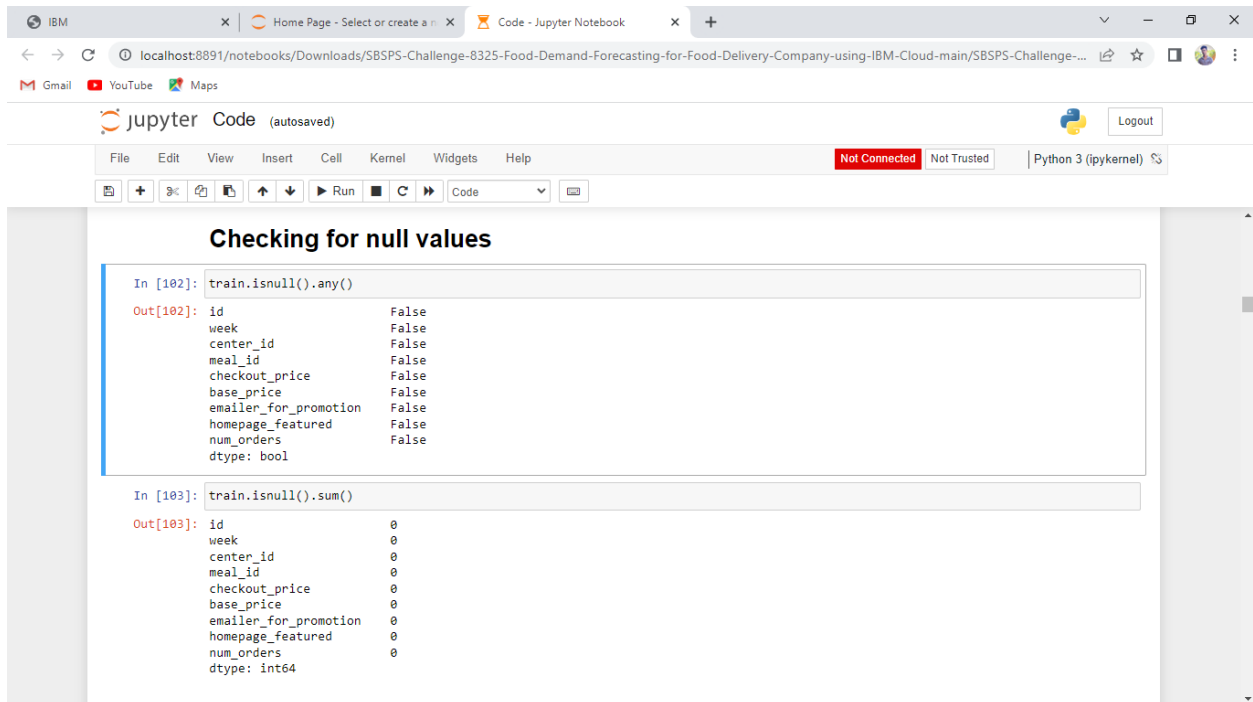


The screenshot shows a Jupyter Notebook interface with a browser window at the top. The notebook title is "Code - Jupyter Notebook". The interface includes a menu bar (File, Edit, View, Insert, Cell, Kernel, Widgets, Help) and a status bar (Not Connected, Not Trusted, Python 3 (ipykernel)). The notebook 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 each column. The second cell shows the command `train.isnull().sum()` and its output, which is a Series of integer values for each column.

```
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 title is "Code - Jupyter Notebook". The interface includes a menu bar (File, Edit, View, Insert, Cell, Kernel, Widgets, Help) and a status bar (Not Connected, Not Trusted, 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 each column. The second cell shows the command `train.isnull().sum()` and its output, which is a Series of integer values for each column.

```
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
```