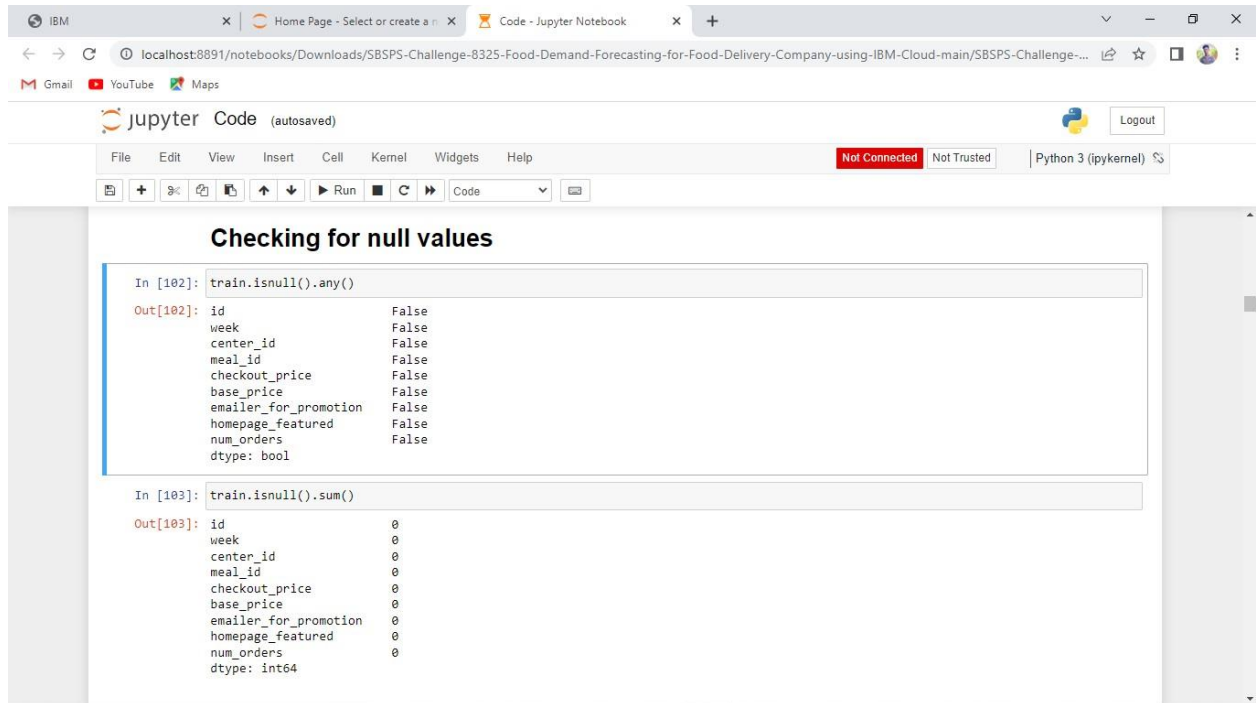


TEAM ID: PNT2022TMID44529

PROJECT NAME: DemandEst - AI powered Food DemandForecaster

Team Leader



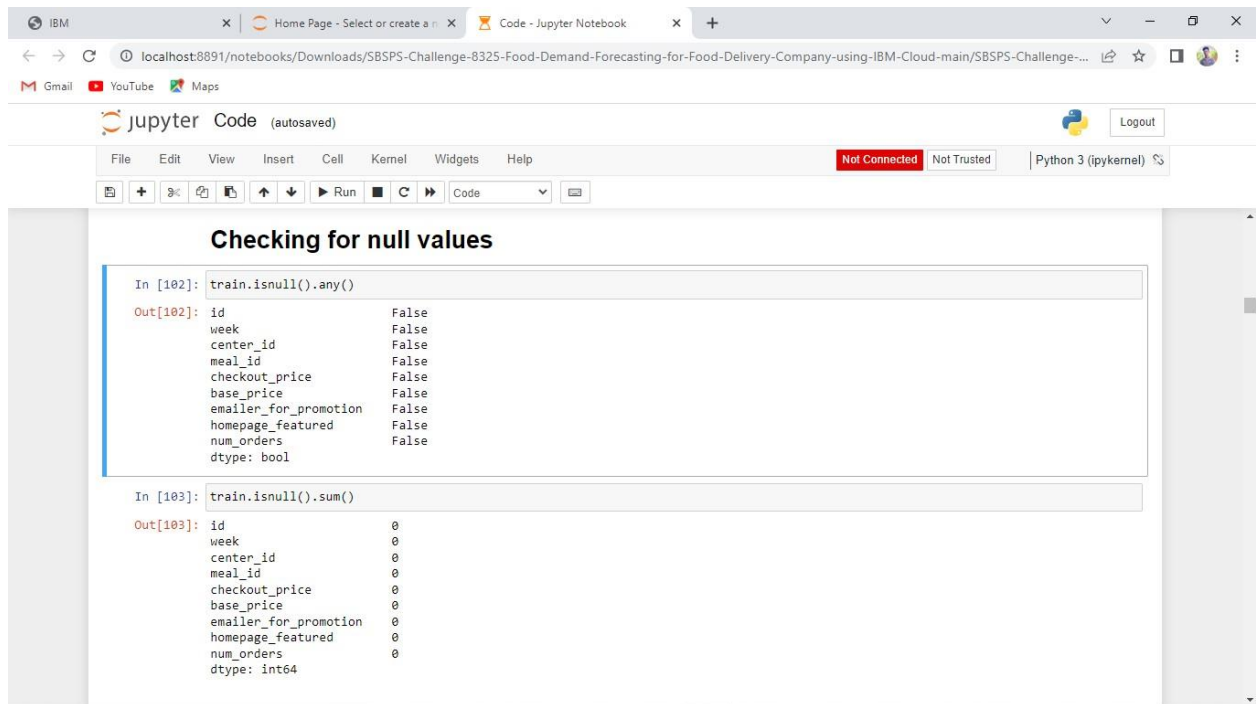
The screenshot shows a Jupyter Notebook interface in a web browser. The browser's address bar shows the URL: `localhost:8891/notebooks/Downloads/SBSPS-Challenge-8325-Food-Demand-Forecasting-for-Food-Delivery-Company-using-IBM-Cloud-main/SBSPS-Challenge-...`. The Jupyter Notebook interface includes a 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 content is titled "Checking for null values". It contains two code cells:

```
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 at the top. The notebook is titled "jupyter Code (autosaved)" and has a menu bar with File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. The 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:

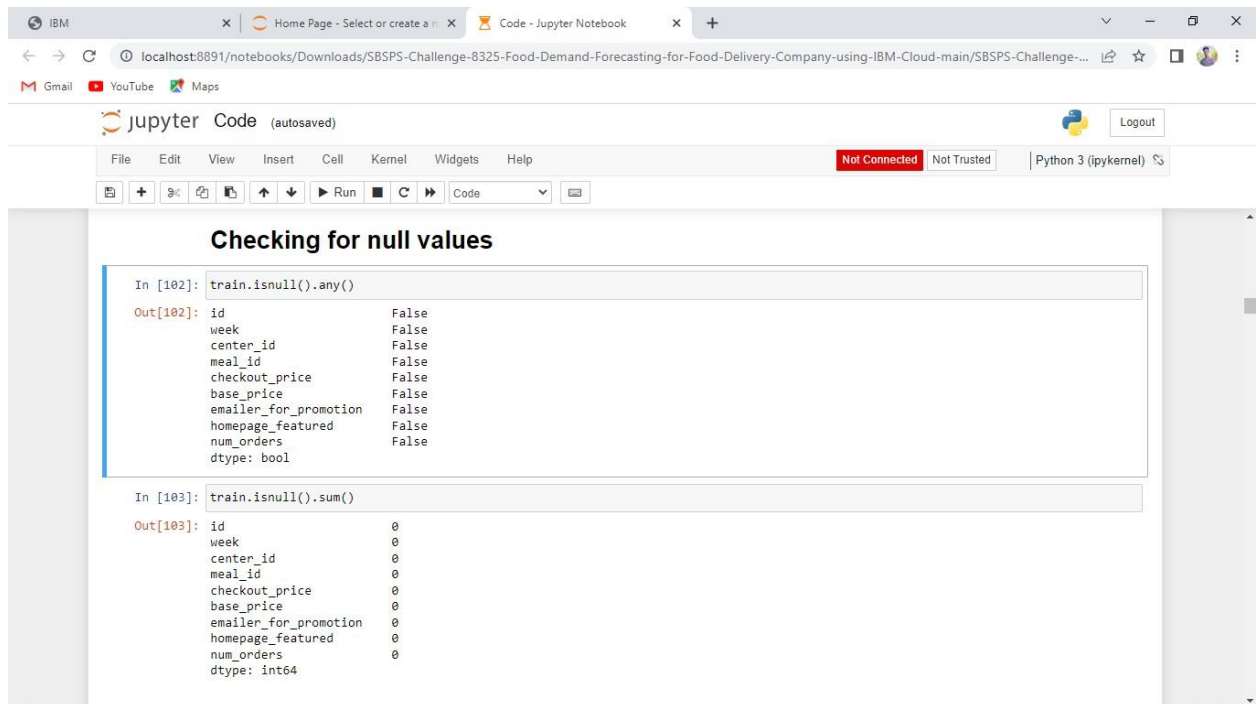
```
In [102]: train.isnull().any()

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 "jupyter Code (autosaved)" and has a menu bar with File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. The 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:

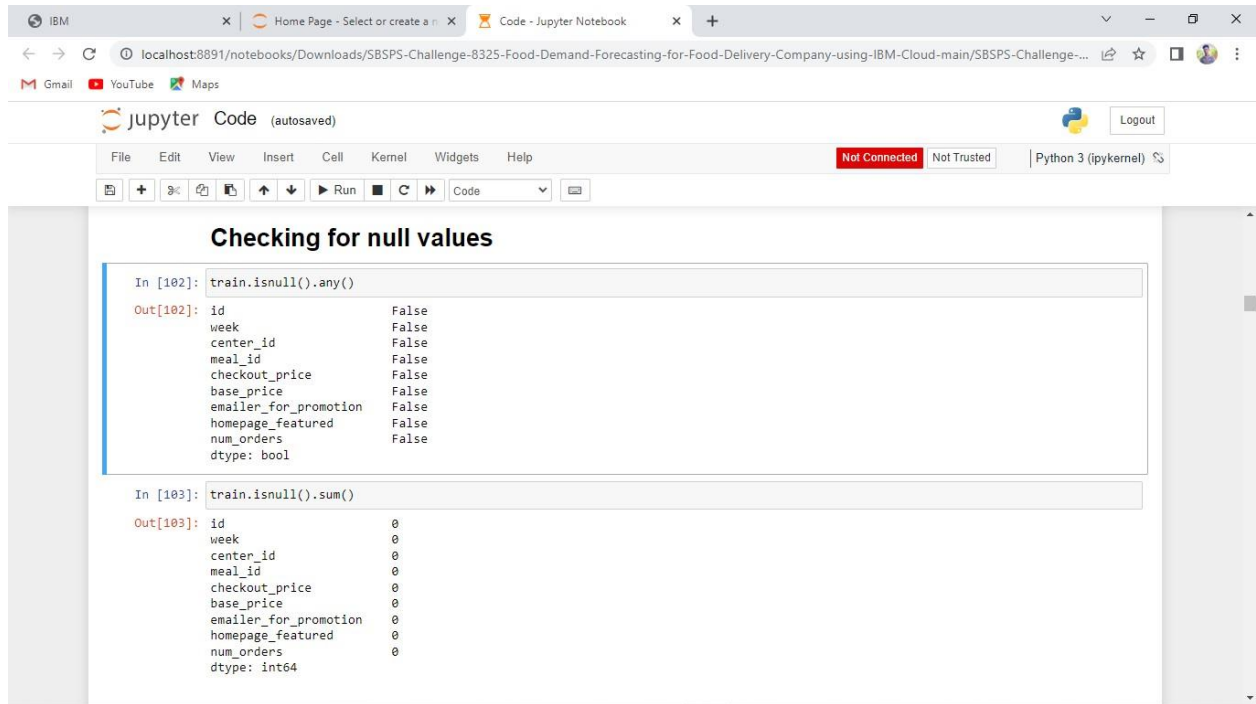
```
In [102]: train.isnull().any()

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 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, labeled "In [102]:", contains the code `train.isnull().any()`. The output, labeled "Out[102]:", shows a series of boolean values for various features, all of which are `False`, indicating no null values are present. The second cell, labeled "In [103]:", contains the code `train.isnull().sum()`. The output, labeled "Out[103]:", shows a series of integer values, all of which are `0`, further confirming the absence of null values.

### 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
```