Lab 6: Data Cleaning and Preparation

For each task below, show your Python code and the corresponding output. Make sure to include comments that explain each step of your work. Submit your Python code (.py) and a Word document with screen images to Blackboard for grading.

1. Load the dataset 'Chipotle.csv' using Pandas.

**Lab 6 - Chipotle.xls**

2. Convert the 'item\_price' column to a numeric data type to enable analysis.

3. Calculate and display the average price of items that contain 'chicken' in their name.

4. Calculate and display the average price of items that contain 'steak' in their name.

5. Determine which item type, chicken or steak, produced more total revenue (sum of item\_price).

6. Count the total number of missing values in the entire dataset. Also, display how many missing values exist in each individual column.