With a dataset like the one you've described, which appears to contain information related to food delivery from Swiggy, you can perform various operations and analyses to gain insights into the data. Here are some common operations you can perform:

1. Data Exploration:

• Display the first few rows of the dataset to get a sense of its structure: df.head().

• Check basic statistics for numerical columns: df.describe().

• Examine data types and missing values: df.info().

2. Data Cleaning:

• Handle missing values: df.dropna() or df.fillna().

• Remove duplicates: df.drop\_duplicates().

• Convert data types if needed: df.astype().

3. Data Visualization:

• Create various plots to visualize relationships and distributions (e.g., histograms, scatter plots, bar charts).

• Visualize the distribution of ratings, prices, delivery times, etc.

• Explore how different cities or areas compare in terms of restaurants, ratings, and prices.

4. Filtering and Selection:

• Filter data based on specific conditions (e.g., restaurants with high ratings, low prices, etc.).

• Select specific columns of interest: df[['Restaurant', 'Price', 'Avg ratings']].

5. Grouping and Aggregation:

• Group data based on certain criteria (e.g., city or food type) and perform aggregations: df.groupby('City').mean().

• Explore average ratings, total ratings, or average prices for different categories.

6. Sorting:

• Sort data based on one or more columns: df.sort\_values(by='Avg ratings', ascending=False).

7. Data Analysis:

• Calculate statistics, such as mean, median, or mode for specific columns.

• Identify trends or patterns in the data.

8. Address-based Analysis:

• Extract information from the 'Address' column, such as city or locality, for further analysis.

• Geospatial analysis if the dataset contains coordinates.

9. Delivery Time Analysis:

• Explore the distribution of delivery times.

• Analyze if there's any correlation between delivery time and other factors.

10. Price Analysis:

• Explore the distribution of prices for different types of food.

• Analyze if there's a correlation between prices and ratings.

These are just some examples, and the specific operations will depend on the goals of your analysis. It's often helpful to start with basic exploration and then delve deeper based on your specific questions or objectives. The Pandas library is commonly used for such data manipulation and analysis tasks in Python.