**Online Food Orders**

**Description:**  
The dataset contains information collected from an online food ordering platform over a period of time. It encompasses various attributes related to Occupation, Family Size, Feedback etc..

**Attributes:**

Demographic Information:

Age: Age of the customer.  
Gender: Gender of the customer.  
Marital Status: Marital status of the customer.  
Occupation: Occupation of the customer.  
Monthly Income: Monthly income of the customer.  
Educational Qualifications: Educational qualifications of the customer.  
Family Size: Number of individuals in the customer's family.

Location Information:

Latitude: Latitude of the customer's location.  
Longitude: Longitude of the customer's location.  
Pin Code: Pin code of the customer's location.

Order Details:

Output: Current status of the order (e.g., pending, confirmed, delivered).  
Feedback: Feedback provided by the customer after receiving the order.

**Purpose:**

This dataset can be utilized to explore the relationship between demographic/location factors and online food ordering behavior, analyze customer feedback to improve service quality, and potentially predict customer preferences or behavior based on demographic and location attributes.

**Beginner tasks**

1. What is the distribution of customers' ages in the dataset?
2. How many male and female customers are there in the dataset?
3. What are the different marital statuses represented in the dataset, and what is their distribution?
4. What are the most common occupations among the customers?
5. How many customers fall into each category of educational qualifications?
6. What is the average family size of customers?
7. What are the most common pin codes among customers?
8. What percentage of customers provided feedback after receiving their orders?

**Data visualizations**

1. Use a pie chart to illustrate the proportion of customers in each marital status category. This will give you a quick overview of marital status distribution.
2. Generate a bar chart to display the count of customers in each educational qualification category. This will provide insights into the educational background of your customer base.
3. Generate a heatmap to visualize the distribution of order statuses based on age and gender. This will help you identify any patterns or trends in order status across different demographic groups.
4. Generate a bar chart to display the top N most common pin codes among customers.
5. Create a heatmap of the correlation matrix to visualize the correlations between different numerical attributes. This will help you identify any relationships or dependencies between variable.