```
In [1]:  import pandas as pd
         import numpy as np
         import matplotlib.pyplot as plt
         import seaborn as sns
```

```
In [3]:  dataframe = pd.read_csv("Zomato data .csv")
         print(dataframe.head())
```

```
                        name online_order book_table   rate  votes  \
0                      Jalsa          Yes        Yes  4.1/5    775
1              Spice Elephant          Yes         No  4.1/5    787
2              San Churro Cafe          Yes         No  3.8/5    918
3        Addhuri Udupi Bhojana           No         No  3.7/5     88
4                Grand Village           No         No  3.8/5    166

   approx_cost(for two people) listed_in(type)
0                          800          Buffet
1                          800          Buffet
2                          800          Buffet
3                          300          Buffet
4                          600          Buffet
```

```
In [5]:  def handleRate(value):
                 value=str(value).split('/')
                 value=value[0];
                 return float(value)

         dataframe['rate']=dataframe['rate'].apply(handleRate)
         print(dataframe.head())
```

```
                        name online_order book_table  rate  votes  \
0                      Jalsa          Yes        Yes   4.1    775
1              Spice Elephant          Yes         No   4.1    787
2              San Churro Cafe          Yes         No   3.8    918
3        Addhuri Udupi Bhojana           No         No   3.7     88
4                Grand Village           No         No   3.8    166

   approx_cost(for two people) listed_in(type)
0                          800          Buffet
1                          800          Buffet
2                          800          Buffet
3                          300          Buffet
4                          600          Buffet
```

```
In [7]:  dataframe.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 148 entries, 0 to 147
Data columns (total 7 columns):
 #   Column                       Non-Null Count  Dtype
---  ------                       --------------  -----
 0   name                         148 non-null    object
 1   online_order                 148 non-null    object
 2   book_table                   148 non-null    object
 3   rate                         148 non-null    float64
 4   votes                        148 non-null    int64
 5   approx_cost(for two people)  148 non-null    int64
 6   listed_in(type)              148 non-null    object
dtypes: float64(1), int64(2), object(4)
```

```
In [29]:  #CONCLUSION: Dining restaurants primarily accept offline orders, whereas cafes primar
```

```
In [ ]:
```