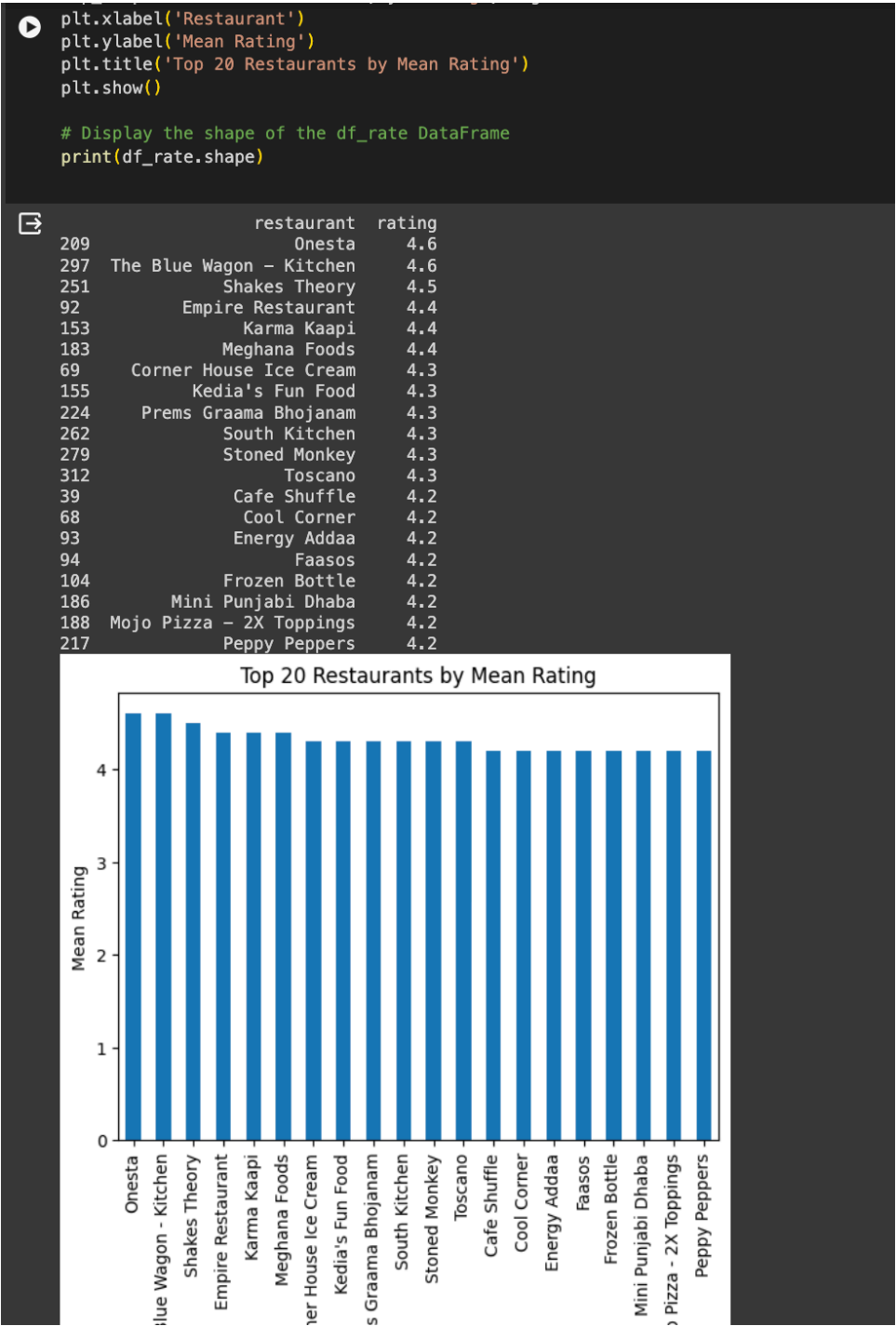


ZOMATO DATA OUTPUTS



```
sns.set_style(style='whitegrid')
sns.distplot(df_rate['rating'])
```

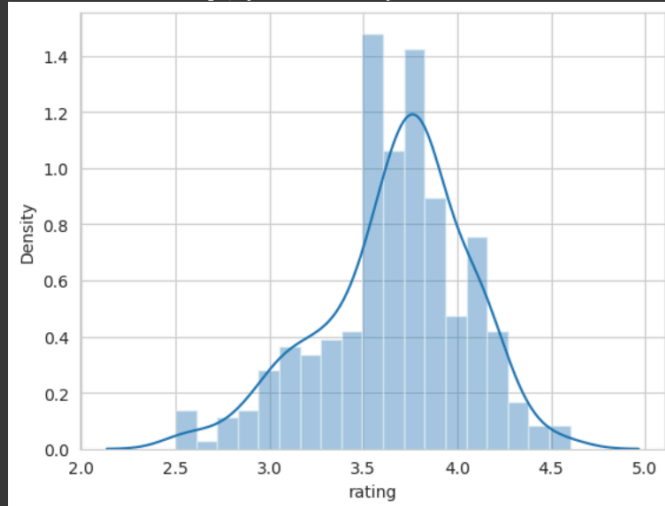
<ipython-input-22-fb1c7427c351>:2: UserWarning:

'distplot' is a deprecated function and will be removed in seaborn v0.14.0.

Please adapt your code to use either 'displot' (a figure-level function with similar flexibility) or 'histplot' (an axes-level function for histograms).

For a guide to updating your code to use the new functions, please see <https://gist.github.com/mwaskom/de44147ed2974457ad6372750bbe5751>

```
sns.distplot(df_rate['rating'])
<Axes: xlabel='rating', ylabel='Density'>
```



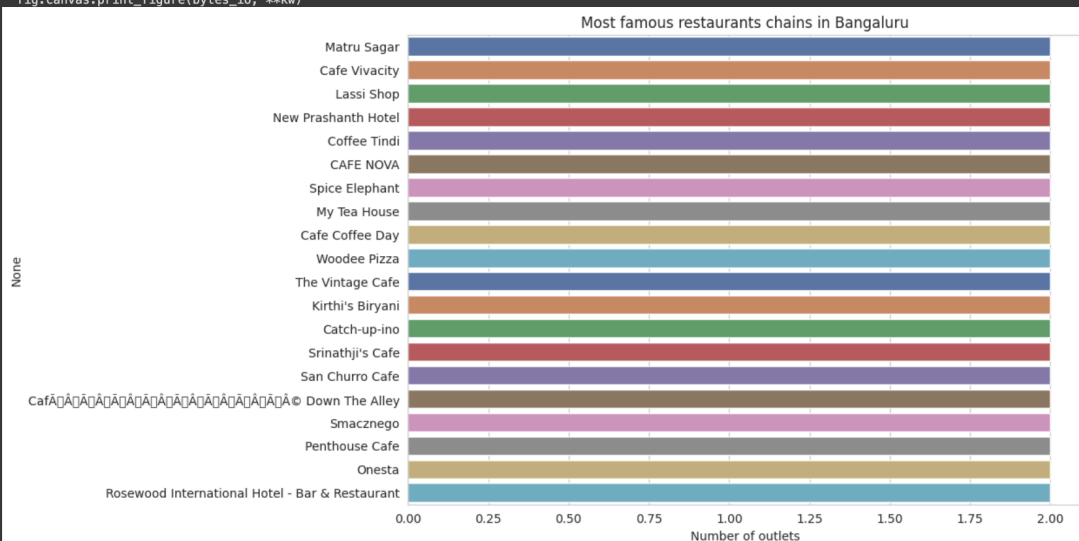
```
[23] plt.figure(figsize=(10,7))
chains=df['name'].value_counts()[0:20]
```

```
chains=df['name'].value_counts()[0:20]
sns.barplot(x=chains,y=chains.index,palette='deep')
plt.title("Most famous restaurants chains in Bangaluru")
plt.xlabel("Number of outlets")
```

<ipython-input-23-bd1da2a756ce>:3: FutureWarning:

Passing 'palette' without assigning 'hue' is deprecated and will be removed in v0.14.0. Assign the 'y' variable to 'hue' and set 'legend=False' for the same effect.

```
sns.barplot(x=chains,y=chains.index,palette='deep')
Text(0.5, 0, 'Number of outlets')
/usr/local/lib/python3.10/dist-packages/IPython/core/events.py:89: UserWarning: Glyph 131 (\x83) missing from current font.
func(*args, **kwargs)
/usr/local/lib/python3.10/dist-packages/IPython/core/events.py:89: UserWarning: Glyph 130 (\x82) missing from current font.
func(*args, **kwargs)
/usr/local/lib/python3.10/dist-packages/IPython/core/pylabtools.py:151: UserWarning: Glyph 131 (\x83) missing from current font.
fig.canvas.print_figure(bytes_io, **kw)
/usr/local/lib/python3.10/dist-packages/IPython/core/pylabtools.py:151: UserWarning: Glyph 130 (\x82) missing from current font.
fig.canvas.print_figure(bytes_io, **kw)
```



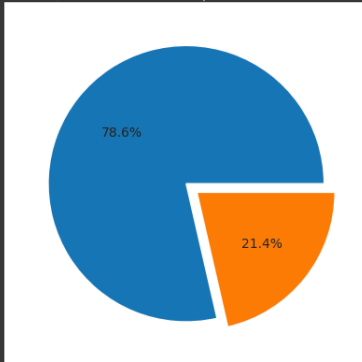
NOT ACCEPTING ONLINE ORDER

```

x=df['online_order'].value_counts()
labels=['accepted','not accepted']
plt.pie(x,explode=[0.0,0.1],autopct='%1.1f%%')

([<matplotlib.patches.Wedge at 0x7bca89256230>,
 <matplotlib.patches.Wedge at 0x7bca89256260>],
 [Text(-0.8604479874132245, 0.6852950174607515, ''),
  Text(0.9386705317235176, -0.7475945645026381, '')],
 [Text(-0.4693352658617588, 0.373797282251319, '78.6%'),
  Text(0.5475578101720517, -0.43609682929320553, '21.4%')])

```



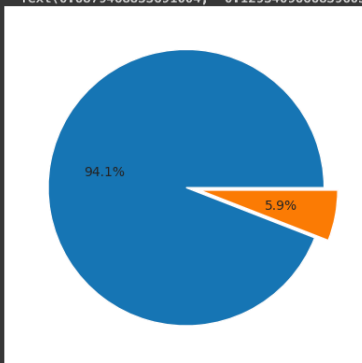
What is the ratio b/w restaurants that provide and do not provide table booking ?

```

[25] x=df['book_table'].value_counts()
labels=['not book','book']
plt.pie(x,explode=[0.0,0.1],autopct='%1.1f%%')

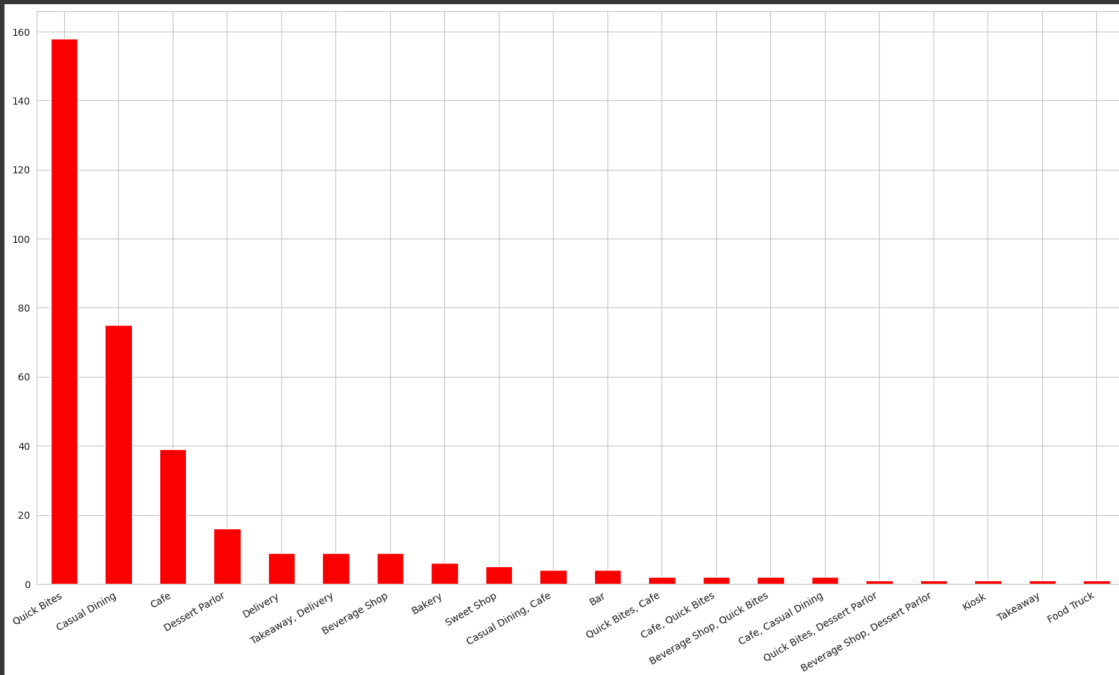
([<matplotlib.patches.Wedge at 0x7bca8920d660>,
 <matplotlib.patches.Wedge at 0x7bca8920f4c0>],
 [Text(-1.0810593881514436, 0.20325009050336645, ''),
  Text(1.1793375143470295, -0.22172737145821808, '')],
 [Text(-0.5896687571735146, 0.11086368572910896, '94.1%'),
  Text(0.6879468833691004, -0.12934096668396053, '5.9%')])

```



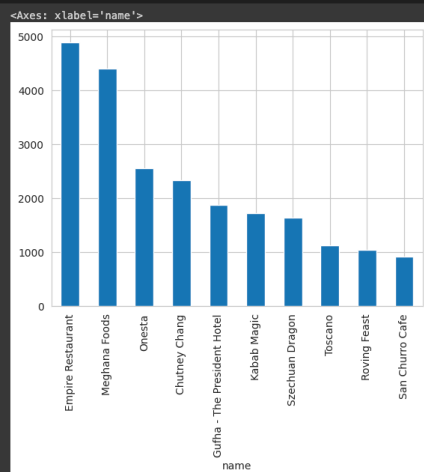
How many types of restaurants we have?

```
[26] df['rest_type'].isna().sum()
df['rest_type'].dropna(inplace=True)
df['rest_type'].isna().sum()
len(df['rest_type'].unique())
plt.figure(figsize=(20,12))
df['rest_type'].value_counts().nlargest(20).plot.bar(color='red')
plt.gcf().autofmt_xdate()
```



Highest Voted Restaurant

```
[27] df.groupby('name')['votes'].max().nlargest(10).plot.bar()
```



Total Restaurants At Different Locations Of Bangalore

```
[28] df.groupby('location')['name'].unique()
```

```
location
Banashankari      [Jalsa, Spice Elephant, San Churro Cafe, Addhu...
Basavanagudi      [Grand Village, Timepass Dinner, Srinathji's C...
JP Nagar           [Re Malnad Nati Style Hotel]
Jayanagar          [Empire Restaurant, Biryani's And More, Mamma B...
Kumaraswamy Layout [Kitchen Garden, Recipe, Tasty Bytes, Goa 0 Km...
Mysore Road        [Rosewood International Hotel - Bar & Restaura...
Rajarajeshwari Nagar [Beijing Bites, Firangi Bake]
South Bangalore    [As On Fire]
Uttarahalli        [Castle Rock, Potato House, Shree Mandarathi G...
Vijay Nagar        [Shree Cool Point, Kadalu Sea Food Restaurant,...
Name: name, dtype: object
```

