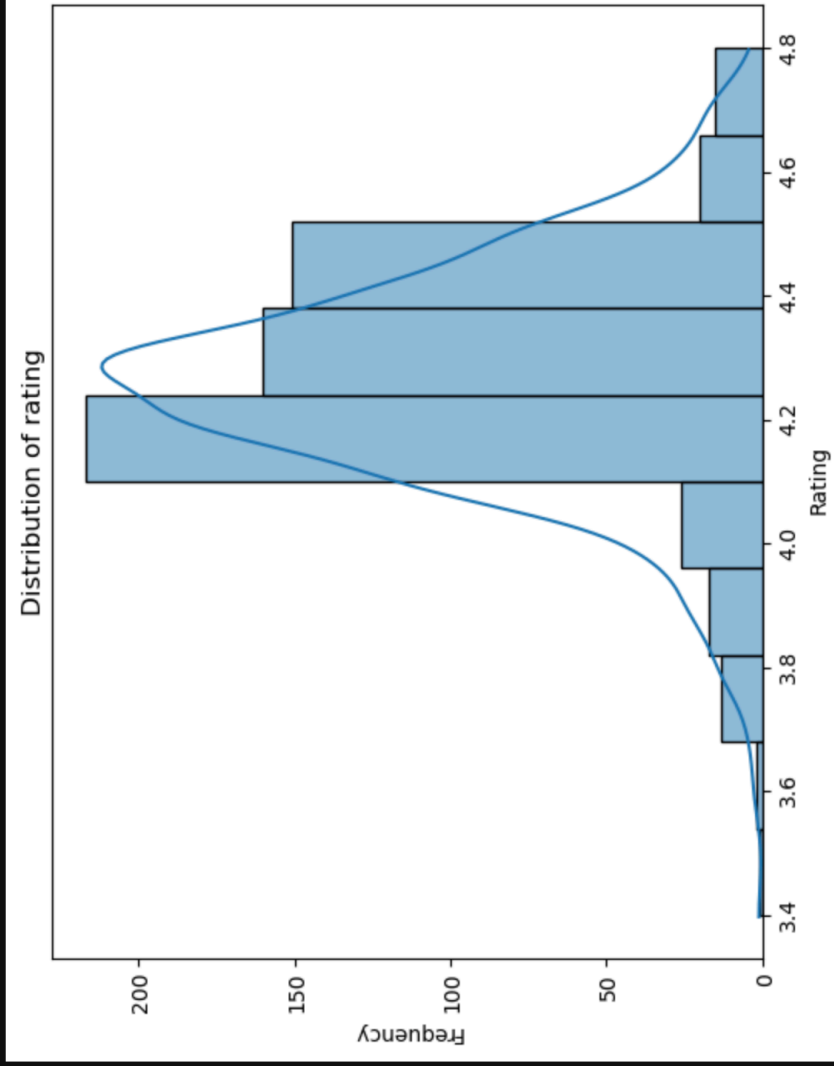


```
[14]: #distribution of ratings
plt.figure(figsize=(8,6))
sns.histplot(df['Ratings'],kde=True,bins=10)
plt.title('Distribution of rating')
plt.xlabel('Rating')
plt.ylabel('Frequency')
plt.show()
```



```
[15]: # bar plot of average discount by brand
```

```
[1] In[1]: import pandas as pd
In[2]: import numpy as np
In[3]: import matplotlib.pyplot as plt
In[4]: import seaborn as sns
In[5]: import warnings
In[6]: warnings.filterwarnings('ignore')
In[7]: df = pd.read_csv('Flipkart dataset.csv')
In[8]: df.head()
In[9]: df.info()
In[10]: df.describe()
In[11]: df['Rating'].value_counts()
In[12]: df['Rating'].plot(kind='hist')
In[13]: df['Rating'].plot(kind='kde')
In[14]: sns.histplot(df['Rating'], kde=True, bins=10)
In[15]: plt.title('Distribution of rating')
In[16]: plt.xlabel('Rating')
In[17]: plt.ylabel('Frequency')
In[18]: plt.show()
In[24]: df['Brand'].value_counts()
In[28]: df['Brand'].plot(kind='kde')
In[32]: df['Brand'].plot(kind='hist')
In[ ]: 
```