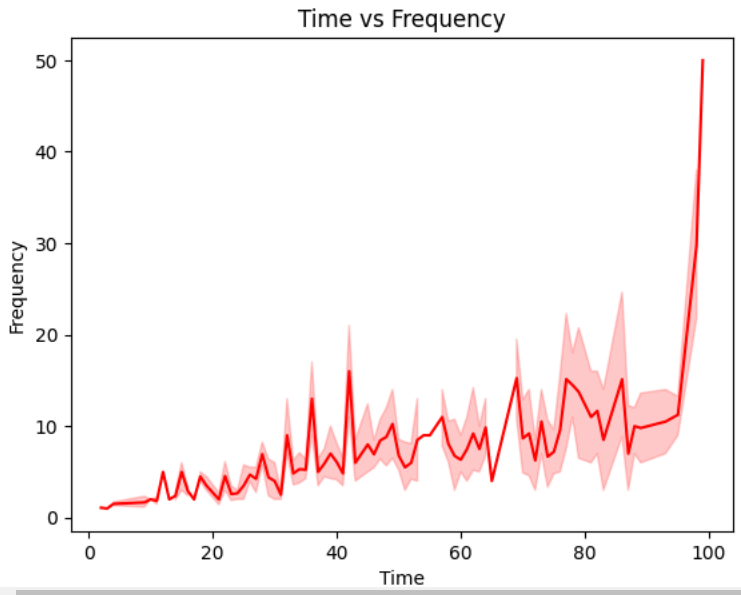
```
import pandas as pd

df = pd.read_csv('/content/blood.csv')
df.head(10)
```

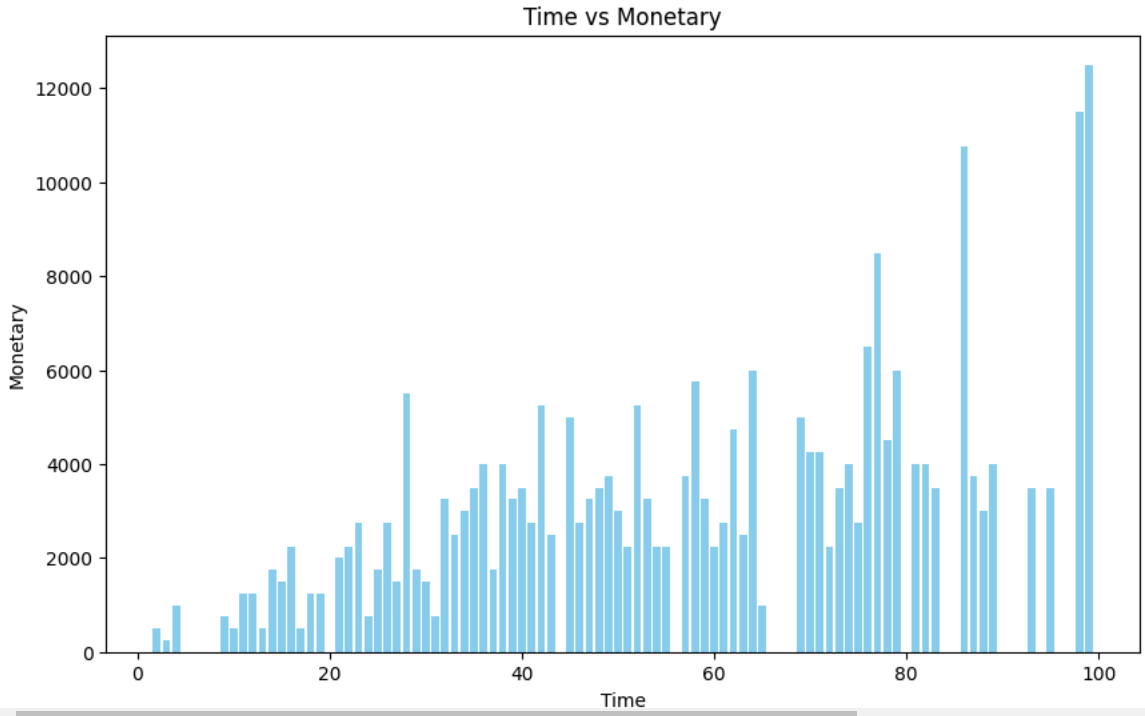
	Recency	Frequency	Monetary	Time	Class
0	2	50	12500	99	1
1	0	13	3250	28	1
2	1	17	4000	36	1
3	2	20	5000	45	1
4	1	24	6000	77	0
5	4	4	1000	4	0
6	2	7	1750	14	1
7	1	12	3000	35	0
8	2	9	2250	22	1
9	5	46	11500	98	1

Next steps: Generate code with df | View recommended plots | New interactive sheet

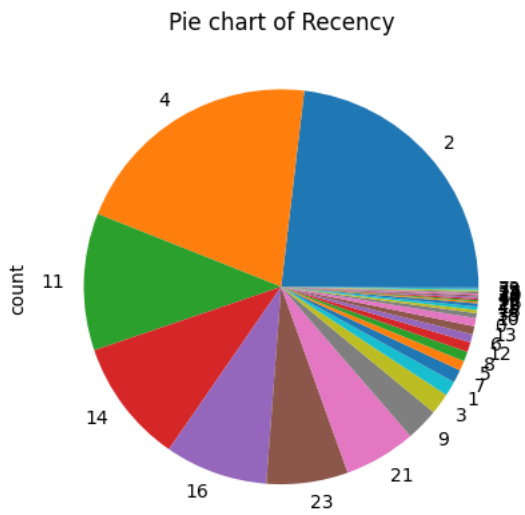
```
# Line Plot of Time vs Frequency
import seaborn as sns
sns = sns.lineplot(x='Time', y='Frequency', data=df, color='red')
xtitle = sns.set_title('Time vs Frequency')
xlevel = sns.set_xlabel('Time')
ylevel = sns.set_ylabel('Frequency')
```



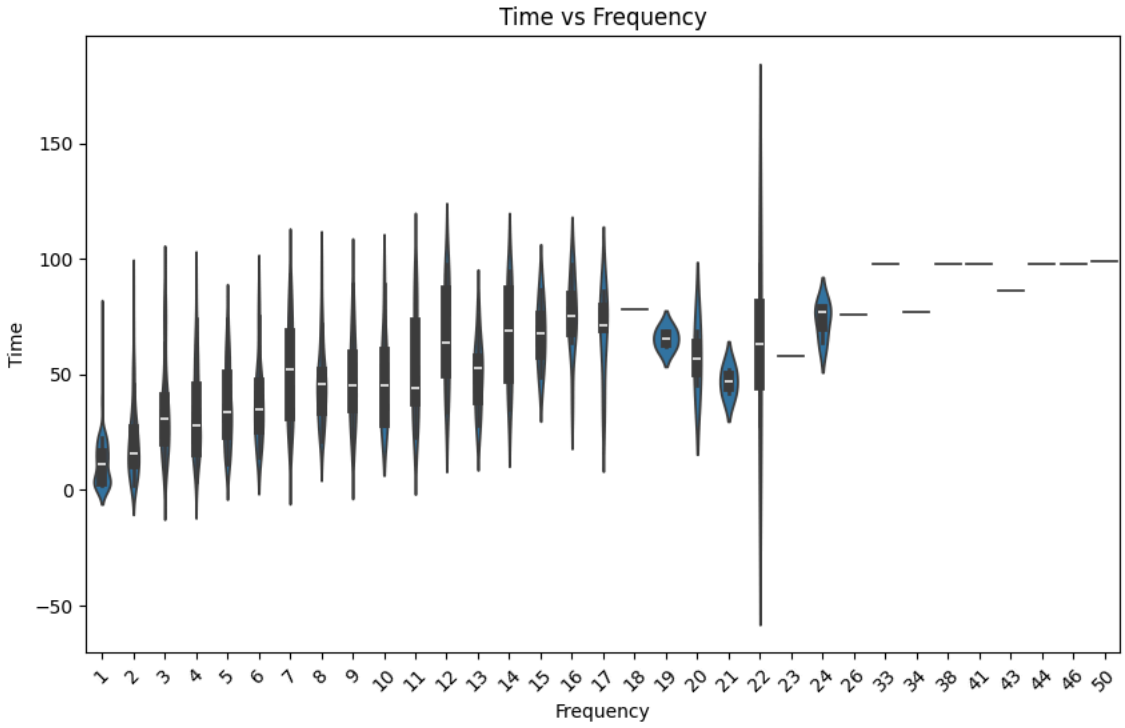

```
# Bar plot of Time vs Monetary
import matplotlib.pyplot as plt
plt.figure(figsize=(10, 6))
plt.bar(df['Time'], df['Monetary'], color ='skyblue')
plt.title('Time vs Monetary')
plt.xlabel('Time')
plt.ylabel('Monetary')
plt.show()
```




```
df['Recency'].value_counts().plot(kind = "pie")
plt.title("Pie chart of Recency")
plt.show()
```




```
# Violin Plot
import matplotlib.pyplot as plt
import seaborn as sns
plt.figure(figsize=(10, 6))
sns.violinplot(x='Frequency', y='Time', data=df)
plt.xticks(rotation=45)
plt.xlabel('Frequency')
plt.ylabel('Time')
plt.title('Time vs Frequency')
plt.show()
```



Start coding or generate with AI.