```
from google.colab import files

# Upload the file
uploaded = files.upload()
```

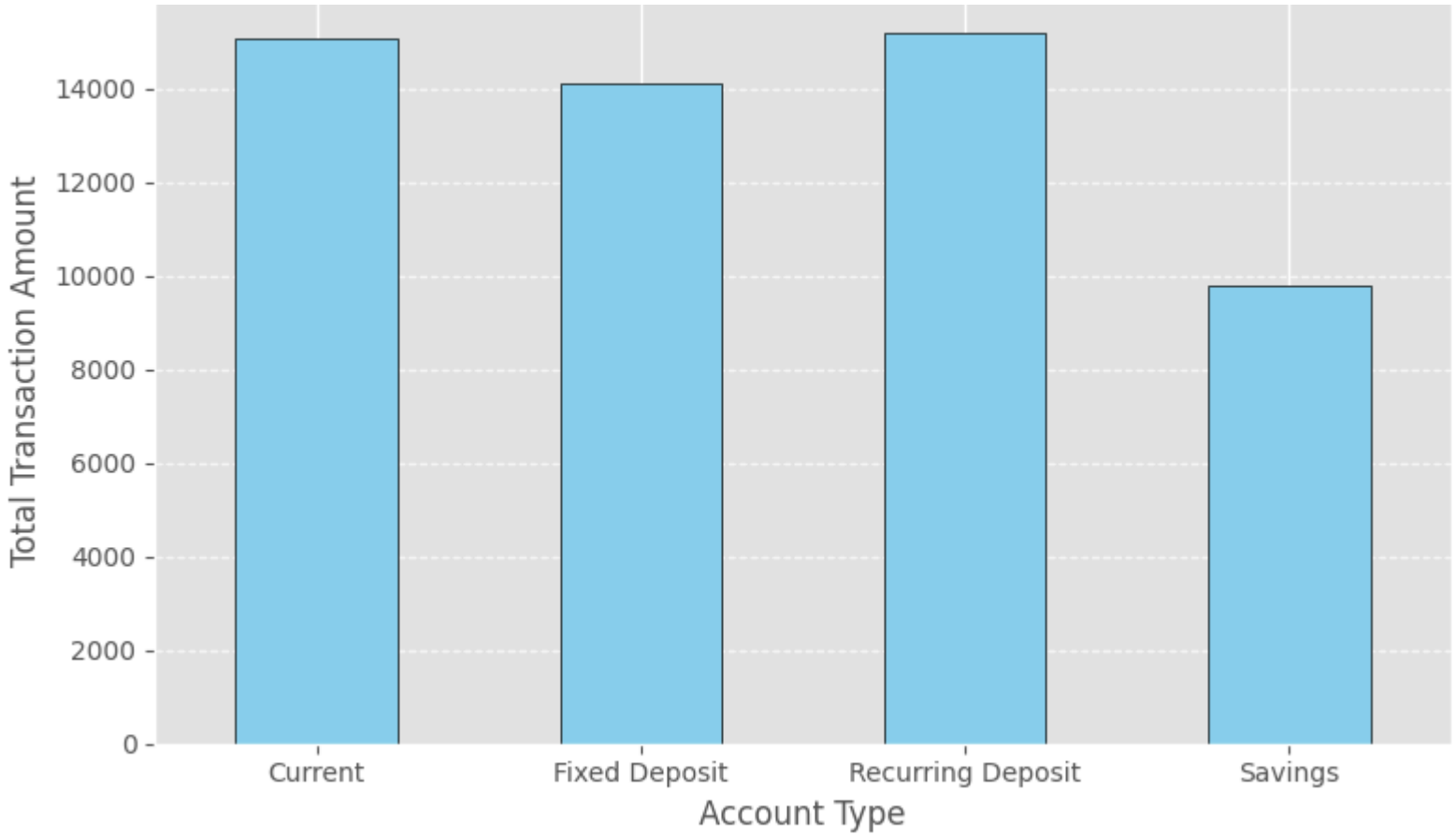
Choose Files Day_12_ba…ng_data.csv

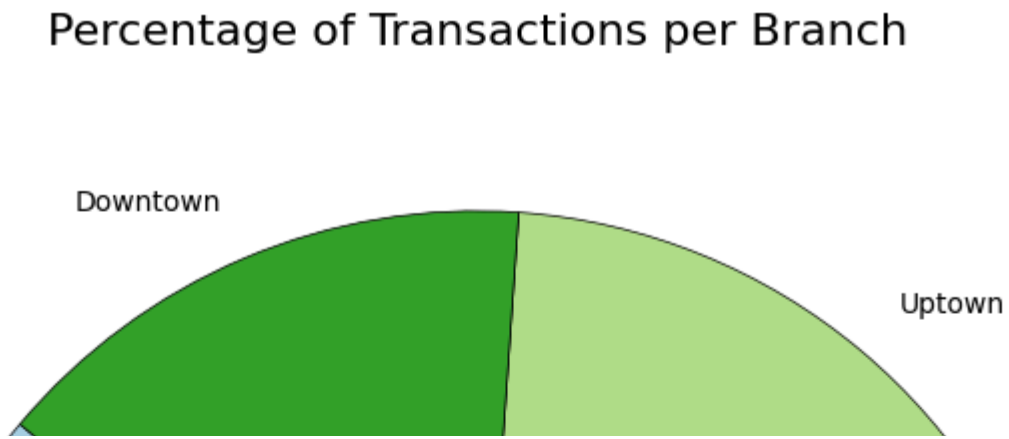
- **Day_12_banking_data.csv**(text/csv) - 1285 bytes, last modified: 1/24/2025 - 100% done

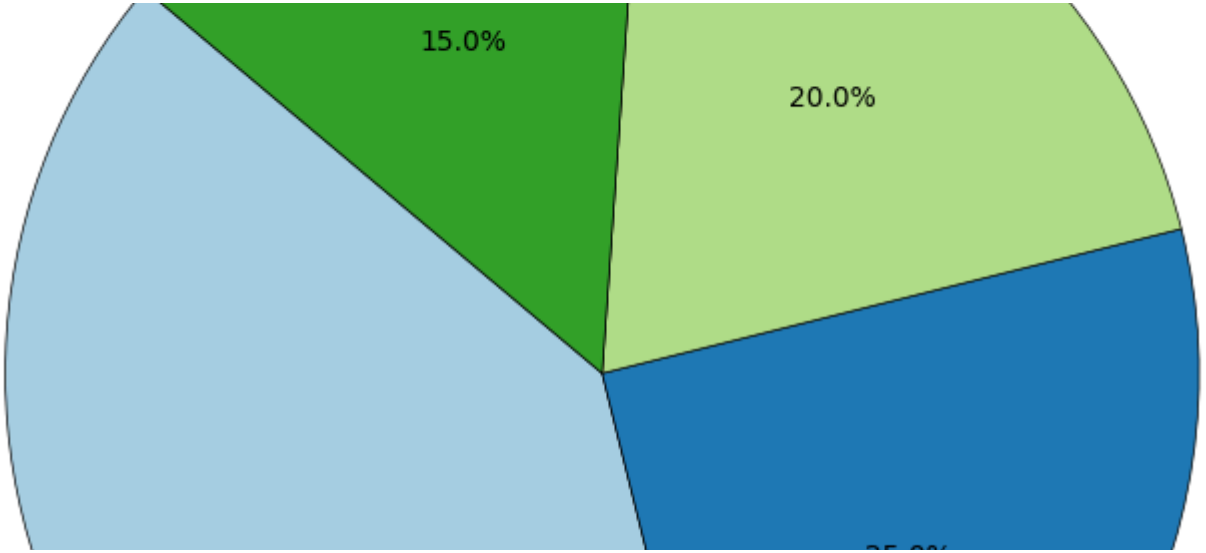
```
Saving Day_12_banking_data.csv to Day_12_banking_data.csv
```

```
import pandas as pd
import matplotlib.pyplot as plt
fp='Day_12_banking_data.csv'
banking_data=pd.read_csv(fp)
plt.style.use('ggplot')

# 1. Bar Plot: Total sum of Transaction_Amount per Account_Type
transaction_sum_per_account_type = banking_data.groupby('Account_Type')['Transaction_Amount'].sum()

# Create the bar plot
plt.figure(figsize=(8, 5))
transaction_sum_per_account_type.plot(kind='bar', color='skyblue', edgecolor='black')
plt.title('Total Transaction Amount per Account Type', fontsize=16)
plt.ylabel('Total Transaction Amount', fontsize=12)
plt.xlabel('Account Type', fontsize=12)
plt.xticks(rotation=0)
plt.grid(axis='y', linestyle='--', alpha=0.7)
plt.tight_layout()
plt.show()

# 2. Pie Chart: Percentage of Transactions per Branch
transactions_per_branch = banking_data['Branch'].value_counts()

# Create the pie chart
plt.figure(figsize=(8, 8))
transactions_per_branch.plot(
```

```
        kind='pie',
        autopct='%1.1f%%',
        startangle=140,
        colors=plt.cm.Paired.colors,
        wedgeprops={'edgecolor': 'black'}
        )
    plt.title('Percentage of Transactions per Branch', fontsize=16)
    plt.ylabel('')  # Remove default y-label
    plt.tight_layout()
    plt.show()
```


Total Transaction Amount
14000
12000
10000
8000
6000
4000
2000
0
Current
Fixed Deposit
Recurring Deposit
Savings
Account Type


Percentage of Transactions per Branch
Downtown
Uptown


15.0%
20.0%