

```
In [2]: import pandas as pd
```

```
In [4]: fp='C:/Users/ADMIN/Downloads/Day_11_banking_data.csv'
banking_data=pd.read_csv(fp)
```

```
In [6]: # Sort the dataset by Account Balance in descending order and display the first 10 rows
sorted_data = banking_data.sort_values(by='Account_Balance', ascending=False)
print("\nTop 10 rows sorted by Account_Balance (descending):")
print(sorted_data.head(10))
```

Top 10 rows sorted by Account\_Balance (descending):

	Date	Account_Type	Branch	Transaction_Type \
15	2023-01-03	Savings	Suburban	Service Charge
8	2023-01-20	Recurring Deposit	Downtown	Service Charge
2	2023-01-10	Current	Uptown	Loan Payment
7	2023-01-09	Current	Central	Loan Payment
17	2023-01-07	Current	Central	Loan Payment
1	2023-01-16	Current	Uptown	Withdrawal
19	2023-01-17	Savings	Central	Deposit
18	2023-01-12	Recurring Deposit	Suburban	Service Charge
16	2023-01-02	Fixed Deposit	Central	Deposit
14	2023-01-01	Fixed Deposit	Downtown	Withdrawal

	Transaction_Amount	Account_Balance
15	3350.32	12836.51
8	3899.98	12646.56
2	3363.85	12428.67
7	2346.72	10708.85
17	4116.52	9785.64
1	641.43	8908.39
19	4516.52	8789.19
18	1339.57	8666.74
16	4421.57	8330.40
14	4136.54	8175.08

```
In [8]: # Create a ranking column for Transaction_Amount within each Branch
banking_data['Transaction_Rank'] = banking_data.groupby('Branch')['Transaction_Amount'].rank(ascending=False)
print("\nDataset with Transaction_Rank within each Branch:")
print(banking_data[['Branch', 'Transaction_Amount', 'Transaction_Rank']])
```

Dataset with Transaction\_Rank within each Branch:

	Branch	Transaction_Amount	Transaction_Rank
0	Central	985.51	7.0
1	Uptown	641.43	4.0
2	Uptown	3363.85	1.0
3	Uptown	1914.60	2.0
4	Suburban	2788.57	3.0
5	Suburban	4584.05	1.0
6	Central	1621.82	6.0
7	Central	2346.72	5.0
8	Downtown	3899.98	2.0
9	Downtown	1529.59	3.0
10	Central	846.41	8.0
11	Suburban	1803.88	4.0
12	Uptown	1225.50	3.0
13	Central	4683.64	1.0
14	Downtown	4136.54	1.0
15	Suburban	3350.32	2.0
16	Central	4421.57	3.0
17	Central	4116.52	4.0
18	Suburban	1339.57	5.0
19	Central	4516.52	2.0

```
In [ ]:
```

Loading [MathJax]/jax/output/CommonHTML/fonts/TeX/fontdata.js