

Assignment-3

Analyzing Financial Transactions: Exploring Insights and Calculations with Excel Formulas

The problem for this assignment is to analyze a financial transaction history using Excel formulas. The given dataset consists of a table containing information about various transactions, including account numbers, transaction types, transaction dates, amounts, and balances.

Transaction History Table

ID	Name	Account N	Balance	Transaction Type	Transaction Date	Amount
1	John Smith	1.23E+09	\$1000.00	Deposit	08-03-2023	\$ 500.00
2	Jane Doe	9.88E+09	\$500.00	Withdrawal	09-03-2023	\$ 200.00
3	Bill Jones	3.21E+09	\$200.00	Interest Earned	10-03-2023	\$ 10.00
4	Mary Green	7.65E+09	\$100.00	Fee	11-03-2023	\$ 5.00
5	Tom Brown	5.43E+09	\$50.00	Purchase	12-03-2023	\$ 25.00
6	Susan White	1.1E+09	\$25.00	Sale	13-03-2023	\$ 15.00
7	David Black	9.88E+09	\$15.00	Transfer	14-03-2023	\$ 10.00
8	Sarah Grey	7.65E+09	\$10.00	Check	15-03-2023	\$ 5.00
9	Jane Doe	9.88E+09	\$500.00	Deposit	16-03-2023	\$ 500.00
10	Bill Jones	3.21E+09	\$200.00	Withdrawal	17-03-2023	\$ 200.00
11	Mary Green	7.65E+09	\$100.00	Interest Earned	18-03-2023	\$ 10.00
12	Tom Brown	5.43E+09	\$50.00	Fee	19-03-2023	\$ 5.00
13	Susan White	1.1E+09	\$25.00	Purchase	20-03-2023	\$ 25.00
14	David Black	9.88E+09	\$15.00	Sale	21-03-2023	\$ 15.00
15	Sarah Grey	7.65E+09	\$10.00	Transfer	22-03-2023	\$ 10.00
16	John Smith	1.23E+09	\$500.00	Deposit	23-03-2023	\$ 500.00
17	Jane Doe	9.88E+09	\$200.00	Withdrawal	24-03-2023	\$ 200.00
18	Bill Jones	3.21E+09	\$100.00	Interest Earned	25-03-2023	\$ 10.00
19	Mary Green	7.65E+09	\$50.00	Fee	26-03-2023	\$ 5.00
20	Tom Brown	5.43E+09	\$25.00	Purchase	27-03-2023	\$ 25.00

Business Question:

Q1.What is the total balance across all accounts? , Hint : sum()

Q2.What is the total amount of deposits made? , Hint:sumif()

Q3. What is the total amount of withdrawals made by Jane Doe? , Hint: Sumifs()