

SaleID	Salesperson	SaleAmount	SaleDate
1	Alice	300	2023-01-01
2	Bob	150	2023-01-02
3	Alice	200	2023-01-03
4	Charlie	250	2023-01-04
5	Bob	300	2023-01-05
6	Alice	100	2023-01-06
7	Charlie	350	2023-01-07
8	Alice	450	2023-01-08
9	Bob	200	2023-01-09
10	Charlie	400	2023-01-10
11	Alice	150	2023-01-11
12	Bob	250	2023-01-12
13	Charlie	300	2023-01-13
14	Alice	350	2023-01-14
15	Bob	100	2023-01-15

1. calculate the running total of SaleAmount for each row ordered by SaleDate
2. calculate the cumulative sales amount for each salesperson over time
3. rank each sale based on the SaleAmount in descending order
4. calculate a moving average of SaleAmount
5. Rank Sales by Sale Amount (Highest Sale First)
6. Rank Sales within Each Salesperson by Sale Amount (Highest Sale First)
7. Assign a Unique Row Number to Each Sale Ordered by Sale Date
8. Assign a Unique Row Number to Each Sale within Each Salesperson, Ordered by Sale Date
9. Divide Sales into 4 Quartiles by Sale Amount
10. Divide Sales into 3 Tiers by Sale Date