

2. Sales Data Transformation

Scenario:

Aggregate daily sales data to monthly summaries for reporting.

Datasets:

Daily Sales (daily\_sales.csv):

SaleID	Date	Region	ProductID	Amount
1	2024-01-01	East	101	200
2	2024-01-02	East	102	300
3	2024-01-03	West	101	400

Output:

Month	Region	TotalSales
2024-01	East	500
2024-01	West	400

Files:

- sales\_east.csv
- sales\_west.csv
- sales\_north.csv

Activities:

1. Read daily sales data from multiple regions.
2. Standardize the format (e.g., ensure date formats are consistent).
3. Aggregate sales to monthly totals by region.