

## Tasks:

- 1. **Data Transformation:** Extract the product\_code from the description column in sales.csv using regex. Ensure that the extracted codes match the format in products.csv (e.g., SW-1234-AB).
- 2. **Pattern Matching:** Match the extracted product\_code with the corresponding product\_name in products.csv and create a new column in sales.csv named product\_name.
- 3. **Analysis:** Calculate the total sales amount for each category (using the category column in products.csv) and display the results as a summary table.

