DATA ANALYST

Intenship Task 12

DESCRIPTION

This task focused on transforming raw business data using Power BI Power Query. The objective was to clean the Superstore dataset by removing unnecessary columns, fixing missing values, correcting data types, and creating conditional columns. The transformed data was then used to build meaningful visual dashboards.

PREPARED BY

Reema Safrin M
(03-02-2026)

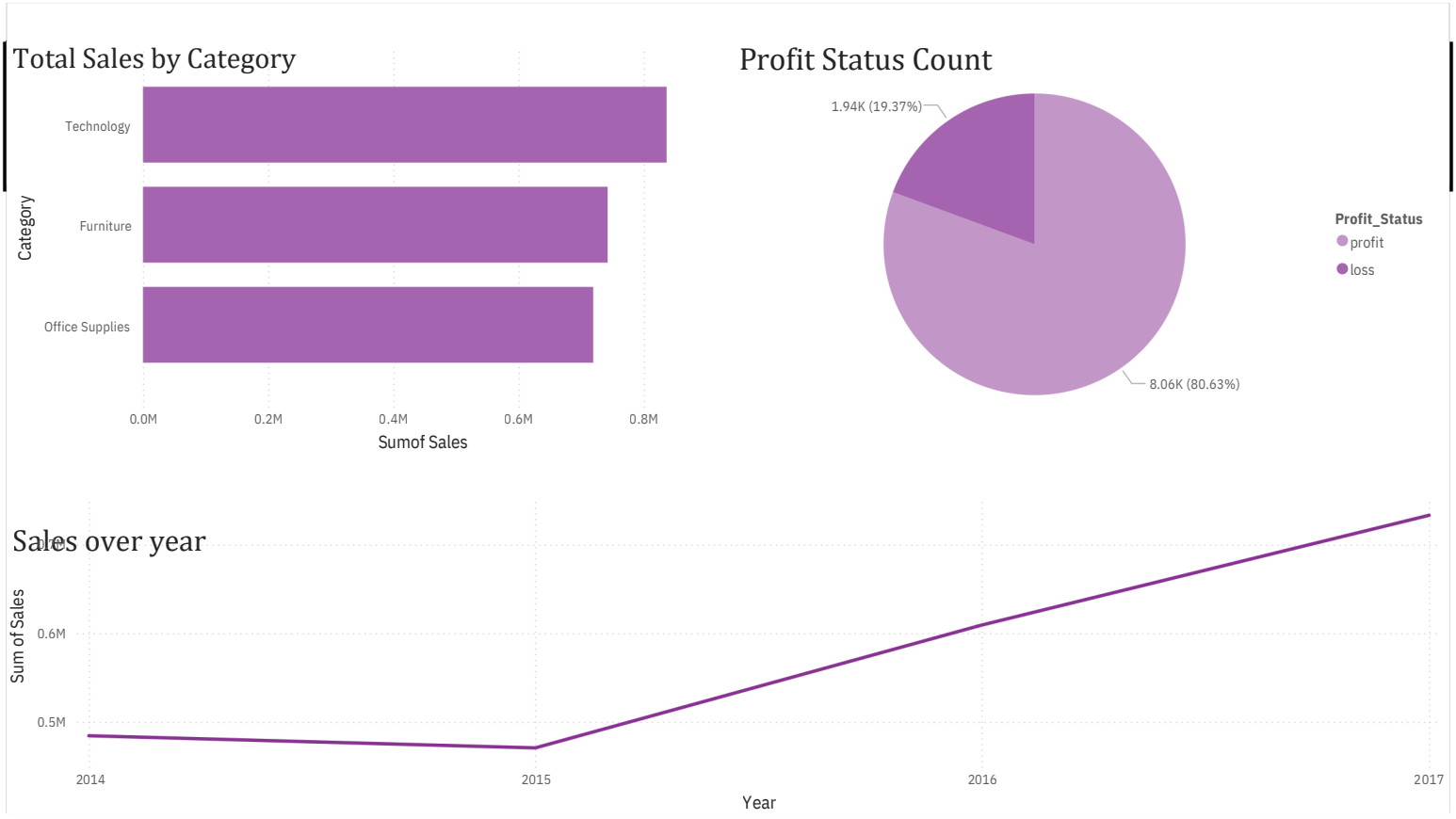
MY WORK

I imported the Superstore dataset into Power BI and performed data transformation using Power Query Editor. Unnecessary columns were removed and column names were standardized for clarity. Missing values in numeric fields such as sales and profit were replaced with zeros, while text fields were handled appropriately. Data types were corrected to ensure accurate calculations and analysis. I created conditional columns including Profit_Status and Sales_Category to group records for better insights. After applying the transformations, I loaded the clean data into Power BI and designed visualizations such as total sales by category, profit distribution, and sales trends over time. These visuals helped present clear business insights effectively.

DATASET USED

superstore dataset

DASHBOARD


Total Sales by Category
Technology
Furniture
Office Supplies
Category
0.0M
0.2M
0.4M
0.6M
0.8M
Sumof Sales
Profit Status Count
1.94K (19.37%)
8.06K (80.63%)
Profit_Status
profit
loss
Sales over year
Sum of Sales
0.6M
0.5M
2014
2015
2016
2017
Year

TRANSFORMATION_NOTES

1. Imported Superstore CSV dataset into Power BI.
2. Removed unnecessary columns like Row ID and Postal Code.
3. Renamed columns for clarity.
4. Replaced missing values in Sales and Profit with 0.
5. Changed data types for dates and numeric fields.
6. Created conditional column Profit_Status.
7. Created Sales_Category column using conditional logic.
8. Loaded transformed data and created visuals.