

# Homework Grading Report

Student Name:	Francisco Guadarrama
Assignment:	Assignment 1 - Introduction to R
Graded On:	October 02, 2025 at 01:29 PM
Final Score:	33.4 / 37.5 points (89.1%)

## Score Summary

Overall Performance: Good (89.1%)

## Technical Analysis

### Additional Code Enhancement Examples:

**\*\*Data Exploration Enhancement:\*\***

```
# More comprehensive data inspection

glimpse(sales_df) # dplyr alternative to str()

skimr::skim(sales_df) # Detailed summary statistics

DataExplorer::plot_missing(sales_df) # Visualize missing data
```

**\*\*Data Visualization:\*\***

```
# Basic plots for data exploration

ggplot(sales_df, aes(x = amount)) + geom_histogram()

ggplot(sales_df, aes(x = category, y = amount)) + geom_boxplot()
```

**\*\*Data Cleaning:\*\***

```
# Handle missing values

sales_df <- sales_df %>%

filter(!is.na(amount)) %>%

mutate(amount = ifelse(amount < 0, 0, amount))
```

## Performance by Category