Homework Grading Report

Student Name:	Test_Student
Assignment:	Test Assignment
Graded On:	September 27, 2025 at 11:18 PM
Final Score:	34.5 / 37.5 points (92.0%)

Score Summary

Overall Performance: Excellent (92.0%)

Instructor Assessment

Test feedback for PDF generation

Reflection & Critical Thinking

- Good critical thinking

Analytical Strengths

- Strong analysis

Recommendations for Future Work

- Continue good work

Technical Analysis

Code Strengths:

- Good R implementation

Code Improvement Suggestions:

- Consider using complete.cases()

Example:

```
# Remove rows with missing values
```

```
clean_data <- sales_df[complete.cases(sales_df), ]
```

```
# Or check for missing values first
```

```
sum(is.na(sales_df))
```

Technical Observations:

- Solid programming concepts

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