Homework Grading Report

Student Name:	Alejandro De Santiago Palomares Salinas
Assignment:	Assignment 1
Graded On:	September 22, 2025 at 10:45 AM
Final Score:	29.2 / 37.5 points (77.8%)

Score Summary

Overall Performance: Satisfactory (77.8%)

Component Scores:

- Working Directory: 2.0 points
- Package Loading: 4.0 points
- Data Import: 6.0 points
- Data Inspection: 8.0 points
- Reflection Questions: 9.2 points

Performance by Category

■ Excellent **Working Directory:** 2.0/2 points (100%)
■ Excellent **Package Loading:** 4.0/4 points (100%)
■ Needs Work **Data Import:** 6.0/11 points (55%)
■ Excellent **Data Inspection:** 8.0/8 points (100%)
■■ Satisfactory **Reflection Questions:** 9.2/12.5 points (73%)

Code Issues & Fixes

■ File Path Issues:

Your code is looking for data files in the wrong location. Here's how to fix it:

Solution:
1. Make sure your data files are in a 'data' folder
2. Use these exact file paths:
- sales_df <- read_csv("data/sales_data.csv")
- ratings_df <- read_excel("data/ratings_data.xlsx", sheet = "ratings")
- comments_df <- read_excel("data/ratings_data.xlsx", sheet = "comments")

■ Variable Issues:

You're trying to use variables before creating them. Run your code cells in order from top to bottom.

Reflection Questions Feedback

Data Types: 3.8/4 points (Excellent)

Data Quality: 3.8/4 points (Excellent)

Analysis Readiness: 1.6/4.5 points (Needs Improvement)

Next Steps

■ Nice Progress! (29.2/37.5 points - 77.8%) You're learning the fundamentals well. With some attention to the details below, you'll be ready for more advanced analysis. Here's what to focus on for next time: Data Import: Make sure all three datasets (sales_df, ratings_df, comments_df) load successfully. Pay attention to file paths and sheet names for the Excel file. Reflection Questions: Good start, but go deeper. Connect what you observe to business implications. What would these data patterns mean for real decision-making? Code Execution: Fix any error messages before submitting. Red error text means something went wrong - don't ignore it. ■ Data Import Fix: ```r # For CSV files sales_df <- read_csv("data/sales_data.csv") # For Excel files with multiple sheets ratings_df <- read_excel("data/customer_feedback.xlsx", sheet = "ratings") comments_df <- read_excel("data/customer_feedback.xlsx", sheet = "customer_feedback") ``` Common fixes: - Check file paths: make sure "data/" folder exists - Check sheet names: they're case-sensitive - Use forward slashes (/) not backslashes (\) in file paths ■ Variable Fix - sales_df not found: ```r # You're trying to use sales_df before creating it # Make sure you run this cell first: sales_df <- read_csv("data/sales_data.csv") # Then you can use it: head(sales_df) str(sales_df) summary(sales_df) ``` ■ Variable Fix - ratings_df not found: ```r # You're trying to use ratings_df before creating it # Make sure you run this cell first: ratings_df <- read_excel("data/ratings_data.xlsx", sheet = "ratings") # Then you can use it: head(ratings_df) ``` ■ Variable Fix - comments_df not found: ```r # You're trying to use comments_df before creating it # Make sure you run this cell first: comments_df <- read_excel("data/ratings_data.xlsx", sheet = "comments") # Then you can use it: head(comments_df) ``` You're making progress. Each assignment builds on the previous one, so nail down these fundamentals.

Study Tips:

- Good foundation! Focus on providing more detailed explanations in reflection questions
- Practice connecting technical concepts to business applications