

Homework Grading Report

Student Name:	Logan Balfour
Assignment:	Assignment 1
Graded On:	September 22, 2025 at 10:43 AM
Final Score:	28.8 / 37.5 points (76.7%)

Score Summary

Overall Performance: Satisfactory (76.7%)

Component Scores:

- Working Directory: 2.0 points
- Package Loading: 4.0 points
- Data Import: 11.0 points
- Data Inspection: 8.0 points
- Reflection Questions: 3.8 points

Performance by Category

- Excellent **Working Directory:** 2.0/2 points (100%)
- Excellent **Package Loading:** 4.0/4 points (100%)
- Excellent **Data Import:** 11.0/11 points (100%)
- Excellent **Data Inspection:** 8.0/8 points (100%)
- Needs Work **Reflection Questions:** 3.8/12.5 points (30%)

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: 1.6/4 points (Needs Improvement)

Data Quality: 0.6/4 points (Needs Improvement)

Analysis Readiness: 1.6/4.5 points (Needs Improvement)

Next Steps

■ Nice Progress! (28.8/37.5 points - 76.7%) 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: Reflection Questions: Take more time with these. Look at your data outputs and explain what you see. These aren't just busy work - they help you think analytically. Code Execution: Fix any error messages before submitting. Red error text means something went wrong - don't ignore it. ■ Data Import Fix - CSV File Not Found: ``r # Check your working directory and file location getwd() # See where R is currently looking list.files() # See what files are in current directory list.files("data/") # See what's in the data folder # For CSV files, use: sales_df <- read_csv("data/sales_data.csv") # NOT: read_csv("../data/sales.csv") or read_csv("sales.csv") # Make sure: # 1. File is named exactly "sales_data.csv" (check spelling!) # 2. File is in a "data" folder in your project # 3. You're running from the correct working directory `` ■ 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