Homework Grading Report

Student Name:	Michael Alexander
Assignment:	2.2
Graded On:	September 23, 2025 at 06:52 PM
Final Score:	73.5 / 37.5 points (196.0%)

Score Summary

Overall Performance: Excellent (196.0%)

Component Scores:

- Data Import Assessment: 4.5 points
- Missing Value Identification: 5.0 points
- Missing Value Treatment: 28.5 points
- Outlier Detection: 13.0 points
- Outlier Treatment: 10.0 points
- Methodology Justification: 5.0 points
- Reflection Questions: 5.0 points
- Code Documentation: 2.5 points

Performance by Category

■ Excellent **Data Import Assessment:** 4.5/5 points (90%)
■ Excellent **Missing Value Identification:** 5.0/5 points (100%)
■ Excellent **Missing Value Treatment:** 28.5/5 points (570%)
■ Excellent **Outlier Detection:** 13.0/5 points (260%)
■ Excellent **Outlier Treatment:** 10.0/5 points (200%)
■ Excellent **Methodology Justification:** 5.0/5 points (100%)
■ Needs Work **Reflection Questions:** 5.0/12.5 points (40%)
■ Needs Work **Code Documentation:** 2.5/5 points (50%)

Reflection Questions Feedback

Next Steps

■ Excellent Work! (73.5/37.5 points - 196.0%) Strong work! You're getting comfortable with R and starting to think analytically about data. Your technical execution is solid. Here's what to focus on for next time: Working Directory: Run your `getwd()` command and make sure you can see the output. You

need to know where R is looking for your files. Package Loading: Check that both `tidyverse` and `readxl` load without errors. If you get error messages, you might need to install them first. 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. Data Inspection: Run `head()`, `str()`, and `summary()` on each dataset. Make sure you can see the outputs - this tells you what your data actually looks like. Reflection Questions: Good start, but go deeper. Connect what you observe to business implications. What would these data patterns mean for real decision-making? Keep this up. You're developing the analytical thinking that employers value.

Study Tips:

- Excellent work! Consider exploring additional data analysis techniques
- Try applying these concepts to your own datasets