Written Communication

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Data Science Reports

- In-depth details of analysis

- Full explanation

- A handful of tables/figures (w/ interpretation)

- Tell a story

What to Avoid:

- Explaining every single thing you tried

- Being too wordy

- Using the wrong visualizations

- Presenting bad figures

- Using gratuitous flourishes

- Typos & Confusion

What to Include in COGS 108 Final Project Report

- **Good Title** - short and informative
- **Overview** - *brief* overview w/ results
- **Background** (+ references) - intro to topic + prior work
- **Hypothesis** - informed guess + why
- **Datasets** - what data you used
- **Data Cleaning** - what you did to clean/check the data
- **Data Analysis** - explore the data, explain the process, answer the ?
- **Ethics & Privacy** - consider the entire process
- **Conclusion & Discussion** - wrap it up & discuss limitations