

# Project Checklist

## STAT 184 Course Project

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**It is recommended you fill this out AS THE LAST THING BEFORE YOU SUBMIT.**

**i** Note

For the following items that appear as a checklist, you can check them off by putting an **x** within - [ ]; that is, it will now be - [**x**].

## **Purpose**

This document is required to indicate where various requirements can be found within the QMD file that produced your Final Project Report (PDF). You must indicate line numbers as they appear in your final QMD document accompanying each of the following required tasks. Points will be deducted if line numbers are missing or differ significantly from the QMD of your submitted Report.

### **Example (for illustration)**

- A. QMD line number for title: 2
- B. QMD line number for author names: 4
- C. QMD line number for due date: 5

## Final Project Requirements

Make sure you review the requirements on Canvas. This is not a complete checklist.

- ☒ Set a table of contents.
- ☒ Use a consistent Style Guide.
- ☒ Identify and use at least 3 data sets/sources.
- ☒ Include all required parts of the report (e.g., Introduction, etc.).
- ☒ Caption all figures and use **cross references** within your Quarto document.
- ☒ Put all code in the Code Appendix.
- ☒ Cite your sources. (Origin of your data, any websites you used, etc.)

## Line Numbers for Required Components

### Data Access

A. QMD line numbers where at least 3 data sources are imported:

### Data Wrangling / Cleaning / etc.

#### DO AT LEAST FOUR OF THE FOLLOWING:

- A. QMD line number(s) for general data wrangling: 335, 441
- B. QMD line number(s) for a join operation: 415, 442, 470, 497
- C. QMD line number(s) for `pivot_wider` or `pivot_longer` operation (or equivalent): 64, 136, 155
- D. QMD line number(s) for use of regular expressions: No
- E. QMD line number(s) for use of reduction and/or transformation functions: 337, 354, 413
- F. QMD line number(s) for use of user-defined functions: 96
- G. QMD line number(s) for use of loops and/or control flow: 104

## **Data Visualization**

**Include the line numbers where you are plotting relevant graphs or shapes, YOU DO NOT have to use all of the following:**

- A. QMD line number(s) for **all data visualizations**: 366, 387, 417, 445, 472, 499
- B. QMD line number(s) for multiple different geoms: 366, 445
- C. QMD line number(s) for use of multiple aesthetics: 472
- D. QMD line number(s) for use of layered graphics: All technically?
- E. QMD line number(s) for use of leaflet or choropleth maps: No

## **Tables**

- A. Include QMD line numbers for **all tables**: 230, 251, 272, 293, 314, 339, 356