Project Checklist

STAT 184 Course Project

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It is recommended you fill this out AS THE LAST THING BEFORE YOU SUB-MIT.

> **ⓘ 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:

Lines 174 - 286 of the Code Appendix Section

B. QMD line number(s) for a join operation:

496, 537

C. QMD line number(s) for `pivot_wider` or `pivot_longer` operation (or equivalent):

546

D. QMD line number(s) for use of regular expressions:

61

E. QMD line number(s) for use of reduction and/or transformation functions:

506, 509, 533

F. QMD line number(s) for use of user-defined functions:

G. QMD line number(s) for use of loops and/or control flow:

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**:

250-420

All data visualizations are listed with what they correspond to in the report.

B. QMD line number(s) for multiple different geoms:

250-282 Line graph

316-347 Multiple Line Graph

350-376 Bar Graph

379-420

C. QMD line number(s) for use of multiple asthetics:

D. QMD line number(s) for use of layered graphics:

E. QMD line number(s) for use of leaflet or choropleth maps:

Tables

A. Include QMD line numbers for **all tables**:

283-313