Project Checklist

STAT 184 Course Project

Eric Kim

30 June 2025

Table of contents

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

> **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.

- [X] Set a table of contents.

☒ Use a consistent Style Guide.

- [X] Identify and use at least 3 data sets/sources.
- [X] Include all required parts of the report (e.g., Introduction, etc.).
- [X] Caption all figures and use **cross references** within your Quarto document.
- [X] Put all code in the Code Appendix.
- [X] 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: 55,59,67

Data Wrangling / Cleaning / etc.

DO AT LEAST FOUR OF THE FOLLOWING:

A. QMD line number(s) for general data wrangling:71,73,87,107,109,124,125,142

B. QMD line number(s) for a join operation: 87

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

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

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

F. QMD line number(s) for use of user-defined functions:61,63,86,105,106,123,141

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

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**:64,111-115,127-129,144-150

B. QMD line number(s) for multiple different geoms:112,128,145

C. QMD line number(s) for use of multiple asthetics:111,127,144

D. QMD line number(s) for use of layered graphics:111-115,127-129,144-150

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

Tables

A. Include QMD line numbers for **all tables**: 64