

# An RMarkdown Template for Statistical Reports

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Assignment #1 for STA321

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## 1 Introduction

Provide some background on the problem. This includes the motivations and objectives of the analysis.

## 2 Materials

Some information about the data should be described here. For example, methods of data collection, variable names, and definitions, potential data challenges, etc. You could use subsections to organize your work.

## 3 Methodology

Describe all the methods (including justifications for using the methods) you used to gather and analyze the data here. You need to provide extensive details so that anyone can replicate your results.

## 4 Results and Conclusions

Show your audience all your results and conclusions with justifications. Write this section in a way that enables a non-statistician to understand the content. Be very specific.

## 5 General Discussion

Talk about results (with justifications) and link them to real-world implications. Pay attention to whether the research questions were well addressed.

## 6 References

Everything you used in the analysis including notes and blogs from the internet, textbook, journal articles, etc.