**Title:**

**Research question:** …

The originality of the research comes from that fact that …

The importance of the research is …

My interest in this area is from …

**Background/Literature:**

A search on the UofT library in this area/on this question yielded …

This paper showed that… which means in our data analysis…

The results of this paper relate to this question because…

The research question I will study relates to this are because…

*In-text citation guidelines for background:*

Citing a website: A 2018 report from Statistics Canada (Provencher, Milan, Hallman, & D’Aoust, 2018) on the issue shows that …

Citing a book: (Peacock & Peacock, 2020)

Citing a journal paper: (von Elm et al., 2007)

**Data source:**

Main variables and their description. Why include them and how they help answer the question.

Website:

**Exploratory data analysis:**

Table 1 shows that …

[ see examples of reporting at <https://www.phrasebank.manchester.ac.uk/reporting-results/> ]

|  |  |  |  |
| --- | --- | --- | --- |
| Table 1. [title] explain main points of the table here. | | | |
| Characteristic | Group 1 | Group 2 | P value |
| Age | 75.5 ± 5.6 | 67.4 ± 2.3 | … (a) |
| … |  |  |  |
| (a) This symbol allows greater explaining at the table footnote for example type of test: Student’s t-test. | | | |

Figure 1 shows that … which justifies the use of method X and consideration of Y in the analysis.

|  |  |
| --- | --- |
| Magnifying glass showing decling performance | Figure 1. Based on the bar chart quarterly earnings took a downward trend from 2015 to 2018. |

**Discussion of what is observed in the EDA:**

The sample comprises individuals with the following characteristics…

I noticed that there is much missing data which means I will …

There were some variables that were skewed which means …

**Linear model:**

My research question can be answered using a linear model because…

I will be using Y as my response and use the predictors X because …

Some anticipated issues might be/A linear model is likely appropriate because…

Some things I plan to keep an eye on when working on my data analysis are…

**References**

Peacock, J., & Peacock, P. J. (2020). *Oxford handbook of medical statistics* (Second ed.). Oxford: Oxford University Press.

Provencher, C., Milan, A., Hallman, S., & D’Aoust, C. (2018). Report on the Demographic Situation in Canada. Fertility: Overview, 2012 to 2016. *Statistics Canada*. Retrieved from <http://www150.statcan.gc.ca/n1/pub//91-209-x/2018001/article/54956-eng.htm>

von Elm, E., Altman, D. G., Egger, M., Pocock, S. J., Gotzsche, P. C., Vandenbroucke, J. P., & Initiative, S. (2007). The Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) statement: guidelines for reporting observational studies. *Lancet, 370*(9596), 1453-1457. doi:10.1016/S0140-6736(07)61602-X