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This is a sample document which will outline some guiding questions and tasks we will undertake for the 602 project.

The dataset has been obtained from Calgary’s open data portal : <https://data.calgary.ca/Business-and-Economic-Activity/Unemployment-rates/wzpt-744u>

Guiding questions:

* What is the difference in unemployment rates throughout the years 2020-2024 for Calgary, Alberta and Canada
* Hypothesis testing vs two samples, considering the mean unemployment, for Calgary vs Alberta, Alberta vs Calgary.

Build a confidence interval for all the means of the proportions, to obtain an interval for the population mean.

We would also like to perform an ANOVA test between the 3 sample proportions if possible, calculating the values without the function and then with the function aov().

The document will contain a lot of visualizations of the unemployment rates throughout the years for the three different proportions.

We can add a few more tasks if required