**Project 3**

Group Members

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Proposal

We will continue leveraging the data that we used during the ETL project regarding the progression of COVID-19 cases and its impact on real state market indicators. Our initial goal is to create three visualizations:

#1 – Bar charts showing COVID-19 cases per month in 2-3 provinces:

We will use bar charts to show the number of COVID-19 cases that each province has reported monthly. The user will be able to select the bar chart they want to see by changing provinces via a dropdown menu.

*Class topic covered: D3*

#2 – Information of 2020 real estate indicators visualized in a map:

We will show a map of Canada. Once users click on a specific province, a tag will appear were they can read how real estate indicators have behaved in 2020.

*Class topic covered: Leaflet*

#3 - Dynamic Scatterplot:

We will contrast the impact of COVID-19 cases in real estate indicators by using a scatter plot. On the x-axis we will have COVID-19 figures. On the y-axis, we will have 2-3 indicators. The user will be able to click on these indicators, and the datapoints (circles) will transition accordingly.

*Class topic covered: Plotly*