Covid 19- Canada Research

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# Overview

* We will look at Covid cases in Canada in general
* We will look at vaccination data in Canada
* Mortality rate
* Correlation between vaccination and mortality rate
* Turning point of mortality in Canada
* Timeline of vaccination and mortality rate
* The age groups and gender hospitalisation rate death rate recovery rate

# Data Sources

* <https://www.kaggle.com/datasets/zinx1991/covid19-in-canada?select=Testing_Canada+.csv>
* <https://api.opencovid.ca>
* <https://rapidapi.com/vaccovidlive-vaccovidlive-default/api/vaccovid-coronavirus-vaccine-and-treatment-tracker/>
* <https://health-infobase.canada.ca/covid-19/vaccine-administration/>

# Topics to Investigate

* Whether there any relationship between vaccination and mortality rate
* The timeline of covid 19 spread and vaccination
* Whether any relationship between gender and covid 19 spread
* Whether any relationship between age group and mortality
* Spread in big vs small cities
* What kind of vaccines are administered in Ontario and their use in cities
* Compare Ontario to rest of Canada

# Breakdown of Tasks

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| --- | --- | --- | --- |
| Task Name | Responsible Person | Due date | Meeting date |
| Github – creating new project and adding the members and instructor TAs | Richard | Feb 2nd. 2023 | N/A |
| Find available Data | All | Feb 7, 2023 | Feb 7 |
| To be decided after the data is available |  |  |  |
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