**US COVID-19 CASE ANALYSIS**

**Group Members:**

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**Project Outline**

Our group will be looking at Covid-19 data in the state of California between July 2020 and June 2021. We will obtain the number of cases in California over time in order to identify peaks in the number of cases. We will also look at the number of deaths over time and identify peaks. We will identify the counties with the highest number of cases and deaths and the counties with the lowest number of cases and deaths.

**Research Questions to Answer**

What was the total case rate and death rate for the state of California?

When did Covid-19 peak in California within the timeframe we are looking at?

Which counties were the most affected by Covid-19?

Which counties were the least affected by Covid-19?

Is there correlation between the number of Covid-19 cases and the population/area of the county?

**Datasets to Be Used**

US Counties Covid-19 Cases

<https://www.kaggle.com/datasets/fireballbyedimyrnmom/us-counties-covid-19-dataset>

**Rough Breakdown of Tasks**

Top 5 and bottom 5 counties and correlation analyses (Ilkay)

State Analysis and death rate (Ekta)

Analysis based on county (Haitham)

Weekly total cases and deaths and weekly average cases and deaths (Geri)

Weekly Covid-19 Cases and deaths analysis (Kelly)

Covid Timeline Analysis (Ray)