**Project Title:** Crime Analysis in Victoria

**Team Members**

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**Project Description/Outline**

To find out patterns of crime happening around Victoria and the link of crime rate with economic indicators (unemployment, inflation).

**Research Questions to Answer**

* Find the common types of crime occurring in Victoria- The type/category of crime committed the most (top 5). Pie charts, bar charts-for past 5 years
* The areas with most crimes (suburbs).
* The rate of crime per suburb
* Find the link between economic factors such as inflation, unemployment rate and crime rates. (from 2019-2023). Do hypothesis testing and ANNOVA analysis.

**Datasets to Be Used**

* Crime Statistics data from ABS and Crime Statistics Agency (CSA)-data available in Victoria Police website
* Monthly inflation and unemployment rate from ABS
* Population data Victoria

**Rough Breakdown of Tasks**

* Getting the data from relevant sources (ABS, CSA)
* Data cleaning/filtering data
* Identify data variables of interest.
* Create data frames
* Creating relevant charts to visualise data
* Identifying trends and studying findings from the analysed data
* Writing inferences and conclusions based on our research questions