***Vehicle Theft 2021 - 2022***

***Business Objective:***

*The objective of the project is to analyse the trends in motor vehicle theft in New Zealand and gather valuable insights.*

***Tools Used:***

1. ***MySQL Workbench*** *– The entire analysis was done using MySQL Workbench.*
2. ***Microsoft Word*** *– The screenshots of the output obtained using MySQL Workbench were attached in the document.*
3. ***Power BI*** *– Used for the purpose of dashboarding.*

***Insights:***

1. *A total of 4530 vehicles were stolen in the span of 2 years with an average count of 25 vehicles on daily basis.*
2. *The average age of stolen vehicles is 16.42 years.*
3. *There is a rise of 73% in the number of stolen vehicles from 2021 to 2022.*
4. *Stationwagon is the most stolen type of vehicle. It is followed by Saloon, Hatchback, Trailer and Utility respectively.*
5. *As per region, Auckland has highest theft count of 1627.*
6. *Highest vehicles stolen are of silver colour.*
7. *Looking at the vehicles stolen as per make type we have Toyota, Trailer, Nissan, Mazda and Ford respectively.*
8. *Vehicle theft on:*
   1. *Monthly basis – Highest in the month of March and lowest in the month of June*
   2. *Weekday basis - Highest on Monday and lowest on Saturday.*

***Conclusion and Recommendation:***

1. *Security should be increased in the Auckland city by New Zealand police department to reduce the vehicle theft.*
2. *Also, special attention should be given on Monday as highest vehicles are stolen on that day of week.*
3. *Car manufacturers should be advised to increase the security features in the vehicles.*
4. *A campaign can be performed by New Zealand police department which would make people aware about the theft taking place. This will result in increased security from car owner’s side.*