Problem Statement: Electric Vehicle for making sustainable environment

The rapid growth of urbanization and vehicular population in India has significantly increased greenhouse gas emissions, contributing to deteriorating air quality and environmental degradation. Traditional internal combustion engine (ICE) vehicles are a major source of carbon dioxide (CO_2), nitrogen oxides (NOx), and particulate matter, posing severe threats to public health and climate stability.

Electric vehicles (EVs) offer a promising alternative by producing zero tailpipe emissions and reducing dependence on fossil fuels. However, despite their environmental benefits, widespread adoption in Indian cities faces challenges such as inadequate charging infrastructure, high upfront costs, limited public awareness, and range anxiety.

There is a pressing need for sustainable transportation solutions that align with environmental goals and support India's climate commitments. The deployment and effective utilization of electric vehicles can play a pivotal role in reducing the carbon footprint of urban mobility and promoting a cleaner, healthier environment.

This project aims to bridge this gap by leveraging Tableau for comprehensive data visualization and analysis of Electric Vehicle sustainability. It will enable stakeholders—such as administrators, health services, and workers—to understand patterns, identify areas of concern, and develop strategic, data-driven solutions to enhance the sustainability of EV deployment.