SIMATS ENGINEERING

Saveetha Institute of Medical and Technical Sciences
Chennai- 602105

Engineer to Excel

Student Name: JAYASRI E **Reg. No.:192424005**

Course Code : DSA0613 **Slot:** A

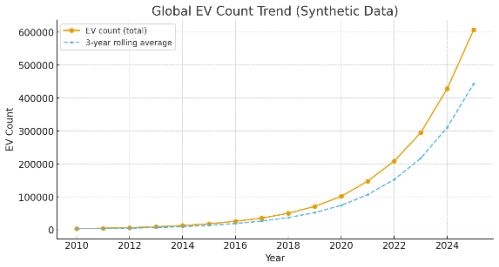
Course Name: Data Handling and Visualization for Data Analytics

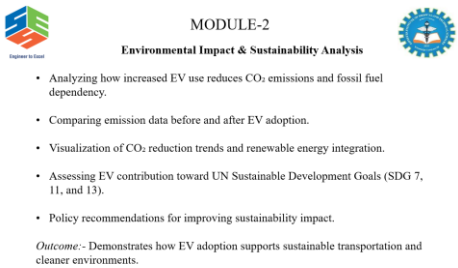
Course faculty: Dr. Kumaragurubaran T ,Dr. Senthilvadivu S

Project Title: Trend Visualization of Electric Vehicle Adoption for Sustainable Transportation Analysis

Module Photographs: (3 photographs –Module Photo, Individual student contribution module work in the project and presentation image)

Module 2 : Environmental Impact & Sustainability Analysis





Project Description: (here you write what you did in this project (contribution) including Model Description

This project analyzes the environmental impact of electric vehicle (EV) adoption for sustainable transportation.

In Module 2, we studied how EV usage helps reduce carbon emissions and air pollution. We compared electric vehicles with fuel-based vehicles using adoption and emission data. Trend visualizations were created to show the growth of EVs over time. The model uses cleaned data to identify sustainability patterns and emission reduction trends. This analysis highlights the role of EVs in supporting eco-friendly transportation.

Student Signature **Guide Signature**