Problem Statement:

Title: Machine Learning-Based Inventory Management for Car Showrooms

Efficient inventory management is critical for car showrooms to ensure the availability of spare parts while minimizing storage costs. A lack of accurate demand forecasting can lead to shortages, causing delays and customer dissatisfaction. Conversely, overstocking results in increased storage expenses and potential obsolescence of parts.

This project aims to develop a Machine Learning model to predict demand for spare parts based on historical sales data, seasonal trends, and customer purchase behavior. By implementing predictive analytics and automated stock replenishment, the system will help optimize inventory levels, reduce wastage, and improve operational efficiency in car showrooms.