Project Title: Intermodal Logistics AI Optimizer

Project Overview:
This project aims to create an AI-driven optimizer that improves the efficiency of intermodal logistics by automating decisions regarding the most efficient combination of transport modes (ocean, air, road, rail) to move cargo. The optimizer analyzes factors like cost, speed, sustainability, and customer preferences, suggesting the best routes and modes to minimize costs, reduce transit time, and lower carbon emissions.

Key Features:

- **Multi-Modal Route Optimization: Suggest the most efficient and sustainable transport routes across sea, air, road, and rail.**
- **Cost and Time Optimization: Balance cost, speed, and sustainability to deliver the best possible outcomes for customers.**
- **Customer Preferences: Integrate customer preferences (e.g., speed, cost, carbon footprint) into the decision-making process.**
- **AI-Powered Recommendations: Continuously improve route suggestions based on historical data, real-time conditions, and machine learning.**

Project Goals:

- **Enhance the efficiency of PSA's intermodal logistics network.**
- **Reduce operational costs and improve customer satisfaction by providing optimized logistics solutions.**
- **Contribute to PSA's sustainability efforts by minimizing carbon emissions.**