

DSC 680

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Final Portfolio Showcase

Here is a list of project with brief descriptions that I plan to showcase in my final portfolio.

1. "OpenWeatherMap API": I developed a weather app that fetches real-time weather data, providing accurate forecasts and current conditions.
2. "Impact of COVID-19 on UK Road and Vehicle Traffic": I analyzed and visualized the effects of the pandemic on road congestion and vehicle usage in the UK, highlighting significant changes and trends.
3. "Air Pollution and Greenhouse Gas Scores by Vehicle Fuel": I created a tool that calculates air pollution and greenhouse gas scores based on different vehicle fuel types, promoting environmentally friendly transportation choices.
4. "Comparing Carbon Footprints of Electric Cars vs. Gasoline": I conducted a comprehensive analysis to compare the carbon footprint of electric cars versus gasoline vehicles, exploring sustainability advantages.
5. "Visualization of Airline Crashes": I developed an interactive visualization showcasing airline crash data, providing insights into crash patterns, contributing factors, and safety improvements.
6. "Leveraging Big Data": I explored the applications and challenges of big data, demonstrating its impact on industries and society through case studies and practical examples.
7. "Virtual Facility Service Chatbot": I designed and implemented a virtual chatbot for facility services, enabling users to easily access information, report issues, and receive assistance, improving efficiency and customer experience.