





PORSCHE®

There Is No Substitute





Porsche Insights

- We leverage Porsche's rich data to analyze customer preferences, enhance user experiences, and optimize marketing strategies, ensuring seamless integration of luxury automotive insights for strategic decision-making.
- Incorporating Porsche's data into our project not only refines customer engagement but also drives innovative solutions, aligning with the brand's commitment to cutting-edge technology and driving experiences.

Project Featuring:

ER Diagram

RAL & MYSQL Queries

Relation Diagram

Mobil App UI



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The ER Model

The ER model architecturally engineers the database landscape, crafting a complex schema that finely links customer entities, vehicle attributes, and performance metrics. This data composition orchestrates a seamless symphony of information flow, optimizing queries and transactions for a high-performance user experience. The ER model acts as the database maestro, ensuring data integrity and relational efficiency in our automotive-driven project.



The Relation Table

Relational tables act as keystone, seamlessly connecting customer profiles, vehicle details, and performance metrics. This relation data flow optimizes database efficiency, facilitating a smooth interplay of information for quick and insightful queries. Serving as the backbone, these tables construct a sturdy foundation, guaranteeing our project advances with accuracy and cohesion.



RAL & SQL Queries

- Relational algebra serves as the architect, carefully designing the operations that seamlessly connect customer entities, vehicle specifications, and performance metrics. This algebraic structure optimizes the database performance, creating a streamlined flow of information for insightful queries. Serving as the analytical base, relational algebra constructs a solid foundation, ensuring our project's queries operate with precision and coherence.
- SQL queries act as the information highway, smoothly retrieving and connecting customer data, vehicle specifications, and performance metrics. This querying optimizes database efficiency, ensuring a fast and coherent flow of insights for our project data.



Mobile App UI

- The mobile application UI I crafted is the gateway to a seamless user experience, intuitively presenting and interacting with the rich data on customer preferences, vehicle details, and performance analytics.
- This user-friendly interface not only enhances accessibility but also ensures a dynamic connection between users and the automotive insights, driving an engaging and efficient exploration of our project's data landscape.
- We have 3 main menus, the Cars menu provides a gateway to explore the vehicle specifications, Profile offers a journey into your profile and data, and About Porsche unveils the brand's rich heritage in a user-friendly format, creating a well-rounded and engaging experience.





Driving into the Future



As Porsche continues to push the boundaries of automotive excellence, our evolving database strategies aim to enhance customer experiences, leverage cutting-edge technologies and fuel a data-driven future where innovation and performance seamlessly converge.

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