



Hackathon themes

Charging Infrastructure

Optimization of Charging Networks: Develop algorithms to optimize the placement and usage of charging stations.

Energy Management: Create systems to efficiently manage energy distribution between charging stations and electric vehicles.

Mobile Applications and Digital Services

Navigation Apps: Develop applications that integrate information on available charging stations and optimized routes for electric vehicles.

Vehicle Sharing Platforms: Create platforms for sharing electric vehicles, making electric mobility more accessible to a larger number of people.

Safety and Cybersecurity

Charging Station Security: Develop solutions to ensure the physical and digital security of charging stations.

Data Protection: Create systems to protect user and vehicle data from cyber-attacks.

Sustainability and Ecology

Environmental Impact Assessment: Develop tools to evaluate and reduce the environmental impact of electric vehicles and charging infrastructure.

Battery Recycling: Propose innovative solutions for the recycling and reuse of electric vehicle batteries.

User Experience

Intuitive User Interfaces: Design user interfaces for charging stations and mobile applications that enhance the user experience.

Personalized Experience: Develop solutions that allow users to personalize their driving and charging experience.

Integration with Energy Networks

Demand Management: Create systems to manage energy demand and avoid consumption peaks.

Energy Storage: Develop solutions for storing renewable energy and integrating it with charging networks.

Accessibility and Inclusion

Solutions for People with Disabilities: Develop technologies and services that make electric mobility accessible to people with disabilities.

Equitable Access: Propose solutions to ensure equitable access to charging infrastructure in both rural and urban areas.

Technological Innovations

Wireless Charging: Explore wireless charging technologies for electric vehicles.

Next-Generation Batteries: Develop prototypes for more efficient, lighter, and more durable batteries.