

HARSHAD VIRUTKAR

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I am a motivated Electrical Engineering graduate from RTMNU Nagpur University with two years of experience as an Assistant System Engineer at TCS. My background includes an internship at ETL Hive, Pune, where I developed strong data analysis and ETL skills. Known for my analytical mindset and problem-solving abilities, I am passionate about using data to drive insights and improve decision-making. I am eager to transition into a data science role to apply my skills in data analysis, machine learning, and statistical modeling.

EXPERIENCE

FEB 2022 – DEC 2023

ASSISTANT SYSTEM ENGINEER | TATA CONSULTANCY SERVICES | NAGPUR , MAHARASHTRA

Provided technical support and troubleshooting for various systems and applications. Developed and maintained SQL queries and scripts for data extraction and reporting. Assisted with software updates and system monitoring to ensure optimal performance and compliance with company standards. Collaborated with cross-functional teams to enhance system performance and user satisfaction.

JAN 2024 – MAY 2024

DATA SCIENCE / ANALYTICS INTERNSHIP | ETL HIVE | PUNE, MAHARASHTRA

Gained hands-on experience in data science and analytics, utilizing Power BI for data visualization and reporting. Analyzed large datasets to extract actionable insights and support business decisions. Improved data processing workflows and data quality through collaboration with team members. Applied machine learning techniques to solve real-world problems and optimize processes.

EDUCATION

AUGUST 2021

Bachelor of Engineering | Electrical Engineering | KDK College of Engineering | Nagpur

During my internship at Ajni Loco Shed under the Rail Mantralay in Nagpur, I gained practical experience in electrical engineering for the railway sector. I inspected and maintained locomotive electrical systems, troubleshooted technical issues, and assisted with safety protocol implementation. This experience enhanced my technical skills and provided valuable insights into railway electrification, reinforcing my commitment to safety and efficiency in engineering projects.

❖ CGPA :- 7.95

SKILLS

- Python
- SQL
- Excel
- Power BI
- Tableau
- Machine Learning

CERTIFICATIONS

- AWS Cloud Practitioner
- Microsoft Azure (AZ-104)
- Data Scientist by ETL HIVE

PROJECTS

❖ Electric Vehicles Market Analysis -

Project Domain -The domain of the project appears to be within the automotive industry, specifically focusing on electric vehicles (EVs), with a particular emphasis on Battery Electric Vehicles (BEVs) and Plug-in Hybrid Electric Vehicles (PHEVs). The project aims to analyse various aspects of the EV market landscape, such as total vehicles analysis, average electric range assessment, and market analysis for both BEVs and PHEVs. This project aims to provide a comprehensive analysis of the electric vehicle (EV) market landscape, focusing on Battery Electric Vehicles (BEVs) and Plug-in Hybrid Electric Vehicles (PHEVs). By leveraging data analytics with key objectives will be addressed:

- 1.Total Vehicles Analysis
- 2.Average Electric Range Assessment
- 3.BEV Market Analysis
- 4.PHEV Market Analysis