

EDUCATION

Masters, Industrial Engineering and International Management

Sep. 21 - Aug. 23

Hochschule Fresenius University of Applied Science, Berlin, Germany

Focus Areas: Sustainability Communication, Renewable Energy Generation and Storage, Data Science, AI/ML, Business Analytics, Big data technologies, International Finance and Digital Innovation.

Bachelor of Engineering, Mechanical

Aug. 12 - Mar.17

Dr D Y Patil College of Engineering, SPPU University Pune, India

EXPERIENCE

Quality Product Operational Engineer & Analyst at S.R. Industries Pune. Jun18 - Nov 20

- Collaborated with Data Analysts to design inspection methods and identify bottlenecks in quality assurance processes.
- Improved product quality by analyzing customer feedback and working with Quality Development Engineers to make necessary design changes.
- Presented comprehensive reports and metrics to senior management by leveraging manufacturing processes and customer feedback insights.

Senior Sales Executive at Maruti Suzuki (Arena) Pune, India May 20 – Feb 21

- Utilize data-driven insights to drive revenue growth and customer satisfaction.
- Analyze customer behaviour and market trends to identify opportunities for optimizing the sales process.
- Develop targeted marketing campaigns and personalized customer experiences.
- Strong analytical skills and expertise in data-driven decision-making.
- Provide strategic guidance to the sales team for measurable impact on the organization's success.

Skills: Operations Management · Marketing Management · Sales · Retail · Analytical Skills

ACADEMIC PROJECTS

Entrepreneur Finance:

Developed an end-to-end business model benefiting scientific education through the power of Augmented Reality & Virtual Reality using Unity & Vuforia.

Music Store Data Analyst Project: Utilizing PostgreSQL for data analysis of music store data.

- Functions of PostgreSQL Database: Storing, managing, and organizing music sales, customer, product, and transaction data for efficient analysis.
- Data Extraction Process: Importing data using CSV files, API calls, or direct entry, transforming data for accuracy and consistency, querying data with SQL, analyzing data using statistical techniques and visualization, and presenting findings in reports and dashboards for decision-making.

Correlation Analysis of Data:

- Conducted correlation analysis on various variables using Pandas to identify relationships and patterns in the data.
- Utilized statistical techniques and hypothesis testing to quantify the strength and direction of correlations and determine their significance.
- Visualized the correlations using Matplotlib through scatter plots, heat maps, and correlation matrices, to facilitate interpretation and communication of the findings.

Smart logistics based on AI/ML:

- Designed and implemented a smart maintenance management system using advanced AI/ML technologies, including IoT sensors, predictive maintenance, SAS, AWS, Python, and TensorFlow.
- Utilized K-means clustering to optimize performance and automate maintenance processes.
- Deployed the system successfully, resulting in increased efficiency and reduced downtime through real-time monitoring and analytics.

Skills

Languages: Python, R, SQL,

Databases: MySQL, PostgreSQL, MongoDB, SQLite, BigQuery

BI: Tableau, Power BI, DAX, and Excel

Certificate: Python, R, SQL, Power BI from data camp

Libraries: NumPy, Pandas, Matplotlib, TensorFlow

Frameworks: Scikit-learn, Keras, TensorFlow, PyTorch

LANGUAGES: Hindi, English, German (A2.1)