

Viddyesh Dhobale

📍 Pune ✉ viddyesh0107@gmail.com 📠 9403954082 🌐 <https://www.linkedin.com/in/viddyesh/>

SKILLS

SQL, Python, Statistics, Data Analysis/EDA, Machine Learning Techniques (Supervised, Unsupervised), ETL, Power BI, Tableau, MS-Excel

PROJECTS

Machine Failure Prediction

- Utilized machine learning algorithms to predict the likelihood of equipment failure.
- Developed a prediction model to predict the failure rate of crucial machine components with an 82% accuracy rate and monitored machine performance to avoid lost production time.

Electric Vehicle Market Segmentation Analysis

- Analyzed customer data to segment markets based on demographics and behaviour.
- Identified and analysed emerging trends in the electric vehicle market. In-depth analysis and profiling of primary customers. Evaluated various macro and micro environmental factors that affect the global electric vehicle market.

Medical Insurance Cost Prediction

- It helps steer patients to cost-effective providers, thereby curbing healthcare costs.
- Policymakers can use price policy tools to reduce healthcare costs and attain better outcomes. Using price policies to ensure that healthcare providers are appropriately reimbursed for services and patient satisfaction can result in cost reduction and better outcomes.

Insurance Fraud Detection

- The objective is to construct a model to predict which transactions could be fraudulent with high accuracy.
- The data that I have is from Automobile Insurance. A predictive model is built that predicts if an insurance claim is fraudulent or not. The answer between YES/NO is a Binary Classification task.

EXPERIENCE

Production Engineer

Eloquent Engineering works

October 2019 – August 2021, Pune

- Developed production schedules to optimize equipment utilization and meet customer demand. Maintained production schedules to ensure equipment was up and running on time to meet the demands of the customer.
- Reduced cycle time by 15% and improved uptime by 10% with improved accuracy and regularity to support the decision-making process.
- Enhanced data reporting functionally with improved accuracy and regularity to support the decision-making process.
- Worked with cross-functional teams to improve production processes and optimize efficiency, conducted root cause analysis to identify and resolve production problems.

Trainee Engineer

Hyva India Pvt Ltd

July 2018 – September 2019, Pune

- Minimized manufacturing defects by developing and enforcing good manufacturing practices and systems, validating processes and documentation.
- Analyzing production data to identify trends and recommend process improvements.

EDUCATION

PG level Diploma in Machine Learning and Artificial Intelligence

University of Hyderabad • 2022

B.E. Automobile

Pune University • 2017