

ROHIT GAUTAM

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Technical Skills

Programming Languages: Python, SQL
Data Visualization: Microsoft Power Bi, Tableau, Matplotlib, Seaborn
Machine Learning Algorithms: Linear Regression, Logistic Regression, Decision Tree, Random Forest
Framework: Pandas, NumPy, Scikit-learn, TensorFlow
Database: PostgreSQL
Tools: Docker, Hadoop, VS Code, Spyder, Jupyter Notebook
MLops: Pipeline, Flask
Statistical Analysis: Hypothesis testing, Descriptive analysis, Inferential analysis

Experience

Hindustan Timber Traders

August 2023 – March 2024

Data Analysis- Power Bi

Badlapur, Mumbai

- Worked on Wood and Furniture base Manufacturing Startup here, worked as Data analysis position.
- Increased business revenue by 80%, providing actionable insights to stakeholders through **Power BI** dashboards, leading to informed decision-making and strategic planning.

Freelancer: Portfolio

December 2022 – July 2023

Freelancing

Remote, Mumbai

- Highly skilled and experienced Machine Learning and Power BI offering freelance services to businesses seeking innovative solutions.
- Developing Machine learning models and Power Bi Dashboard tailored to specific business needs. Specialized expertise in data preprocessing, feature engineering, model selection, and Model evaluation.

Projects

SpaceX Falcon-9 Launch Prediction | Python, Machine Learning

May 2024

- Objective: The Project is about predicting if the SpaceX Falcon-9 rockets will land successfully in the first stage.
- Gathered and processed data through **Web Scraping**, ensuring data integrity and availability for analysis.
- Employed feature engineering techniques resulting in improved model performance, highlighting analytical skills and domain knowledge.
- Utilized Python, **EDA**, statistical analysis, and **ML Algorithms**, showcasing proficiency in relevant technologies and methodologies.
- Increased predictive accuracy by 88%, demonstrating the effectiveness of the developed model.

Medical Insurance Premium Prediction | Pandas, Seaborn, Machine Learning

April 2024

- Objective: Predict the health insurance cost incurred by individuals based on their age, gender, BMI of children, smoking habit and Geo-location.
- Achieved a 70% reduction in prediction errors and an 80% improvement in predictive accuracy through advanced feature engineering and model selection..
- Enhanced data reliability by addressing **Missing values**, **Outliers** and inconsistencies, ensuring high-quality input for modeling.
- Utilized multiple machine learning algorithms and evaluation metrics to identify the most effective predictive model, improving overall model performance.

Customer Transaction Fraud Detection | Power BI

March 2024

- Analyzed transaction data to determine the most frequently used payment methods, providing valuable insights into customer behavior and preferences, which can inform marketing and business strategies.
- Empowered stakeholders with actionable insights, potentially resulting in improved decision-making and fraud prevention measures, thereby enhancing overall business performance.

Certification

- Data Analysis with Python - Infosys
- Data Analysis with Python - IBM

Education

Savitribai Phule Pune University

2022

Bachelor of Engineering in Computer Science and Engineering, CGPA:7.41/10

Pune, India