Rakesh Oza

Data Science Intern

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Profiles

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Summary

Data Science Enthusiastic with degree in **Computer Science** from Pune University.

Data Science Intern with a solid foundation in AI, machine learning, and data analytics, skilled in Python.

Skills

Languages	Familiar	Frameworks	Tools	Soft Skills
Python, SQL	Jupiter notebook, GitHub, Visual Studio Code	Pandas, Numpy, Scikit-Learn, Matplotlib	Power BI, Excel, Power Point, Tableau, MySQL	Problem Solving, Excellent communication, People Management

Experience

Innomatics Research Lab   Sep-2024 - Present
Data Science With Gen-AI Intern   Pune(Hybrid)

Work as intern focusing on development of Diamond price prediction model and analyzing data with EDA processes with using technologies Python, Pandas, and NumPy, Matplotlib, and Seaborn.

Ybi Foundation   June 2024-July 2024
AI/ML Intern   Remote

I worked on generating machine learning models using diverse data sets, aiming to achieve high accuracy. Successfully deployed several models, ensuring they met the desired performance metrics.

Projects

Diamond Price Prediction Model   Oct 2024- Nov 2024
Developed a machine learning model to predict diamond prices based on features like carat, cut, color, clarity, depth, table, and dimensions.

- Developed an automated MLOps pipeline with AWS S3, MLFlow for experiment tracking, and GitHub Actions for CI/CD, ensuring efficient model deployment on AWS EC2 via Flask app.
- Conducted EDA with Univariate and Bivariate analysis, built a prediction pipeline, and deployed scalable solutions using DAGsHub and AWS ECR.

Electric Vehicle Analysis   Sept 2024- Oct 2024
🔗 Link

I developed an in-depth EV (Electric Vehicle) report by performing data analysis to identify trends, patterns, and insights on electric vehicle adoption and performance. Utilized Python, Pandas, and visualization tools like Matplotlib to create actionable insights, aiding data-driven decision-making.

Text Summarizer App
Developed a Text Summarization App that will summarize any text, dialogue, conversation or article.

- MLOps pipeline: Data Ingestion, Validation, Transformation, Model Training, and Evaluation.
- Automated CI/CD pipeline using GitHub Actions & Docker.
- Deployed the Streamlit App on AWS EC2 via ECR.

Education

Zeal college of Engineering and Research   2020-2024
Computer Engineering   Bachelor's of Engineering (B.E.)
8.48 CGPA