

Akash Maradana

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Summary

As a skilled data analyst, I've transformed complex data into actionable insights, driving significant improvements in performance and efficiency. I've optimized SQL queries, enhanced data pipelines, and built predictive models that enable better forecasting. My achievements include a 20% boost in reporting speed and the creation of real-time dashboards that increased customer engagement by 15%. Proficient in SQL, Python, and data visualization, I'm driven by a passion for solving problems and delivering impactful business solutions.

Working on SQL and machine learning projects came with a variety of challenges. In SQL, handling complex queries for large datasets often resulted in performance bottlenecks, requiring optimization techniques like indexing and query restructuring. Another challenge was ensuring data accuracy and integrity, especially when dealing with multiple data sources and complex JOIN operations.

In machine learning, I faced challenges with data preprocessing—cleaning, handling missing values, and feature engineering were time-consuming but crucial for model accuracy. Choosing the right algorithm and tuning hyperparameters was also a key hurdle, often requiring several iterations and cross-validation to achieve the desired performance. Overcoming these challenges sharpened my problem-solving skills and improved my ability to handle complex, real-world data issues.

Skills

Microsoft Excel SQL Data Analysis Power Bi Machine Learning NLP Deep Learning

Education

Indian institution of information technology dharwad

Btech

Hubli

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Personal Information

- GitHub Profile URL: <https://github.com/akashmaradana>
- Stratscratch:<https://platform.stratascratch.com/user/maradana>
- DataLemur:<https://datalemur.com/profile>