Aisha Patel — Data Scientist

Years of Experience: 5
Bachelor's in Computer Science

AISA PATEL
DATA SCIENTIST
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SUMMARY
Data Scientist with 5 years of experience turning data into actionable insights across tech start■ups and enterprise firms. Skilled in building scalable predictive models and delivering end■to■end analytics solutions that drive business growth.

SKILLS
Python, R, SQL, Azure Machine Learning, TensorFlow, Scikit■learn, PyTorch, Tableau, Power BI, Statistical Modeling, A/B Testing, Data Wrangling, Git, Agile Scrum

EXPERIENCE

- Built and deployed predictive models using scikit■learn and PyTorch to forecast customer churn, improving churn prediction accuracy by 18%.
- Designed and implemented an A/B testing framework to evaluate product feature rollouts, increasing conversion rates by 12%.
- Collaborated across product, engineering, and data teams to integrate ML models into production pipelines on Azure, reducing deployment time by 25%.

- Designed and maintained interactive Tableau dashboards for sales and marketing, boosting data■driven decision making.
- Extracted, cleaned, and transformed large datasets from SQL Server and Snowflake, enabling deeper analytical insights.
- Conducted exploratory data analysis, generating reports that identified key growth drivers and informed strategic initiatives.

- Developed RESTful APIs with Python and Flask for internal data processing pipelines, enhancing data ingestion speed.
- Implemented automated unit tests and CI/CD pipelines using GitHub Actions, raising code quality and deployment reliability.
- Optimized database queries, improving data retrieval performance by 30% and reducing latency for downstream analytics.

EDUCATION

Bachelor of Science in Computer Science - University of North Carolina at Chapel Hill, Chapel Hill, NC 2019

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