

Arianna K. Patel — Data Analyst

Years of Experience: 8

Bootcamp Diploma in Data Science

ARIANNA K. PATEL

DATA ANALYST

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SUMMARY

Results-driven data analyst with eight years of progressive experience in collecting, cleaning, and visualizing data to guide strategic decisions. Adept at translating complex datasets into actionable insights using SQL, Python, and advanced BI tools. Proven track record of delivering high-impact dashboards and predictive models that improve operational efficiency and profitability.

- SQL
- Python
- R
- Tableau
- Power BI
- Data Visualization
- Statistical Analysis
- Predictive Modeling
- Machine Learning
- Data Cleaning

EXPERIENCE

- Led a team of analysts in developing a dynamic KPI tracking system that streamlined performance reporting for executive leadership.
- Optimized data extraction processes, cutting query runtime by 35% and freeing up analysts for deeper analysis.
- Integrated machine learning models into Power BI dashboards, enhancing decision-making accuracy across product strategy teams.
- Designed and maintained SQL databases that supported enterprise-wide analytics initiatives.
- Created predictive models for inventory optimization, achieving a 15% reduction in excess stock and saving the company \$2M annually.
- Produced actionable insights through data visualizations and presented findings to C-suite stakeholders, influencing budgeting and allocation decisions.
- Performed exploratory data analysis on sales and marketing data to identify growth opportunities, increasing lead conversion rates by 12%.
- Implemented Python-based data pipelines that automated weekly reporting, improving delivery speed and data accuracy.
- Collaborated with cross-functional teams to translate business questions into analytical queries, bridging gaps between technical and non-technical staff.
- Collected and normalized data from over 10 disparate sources for product usage analysis, ensuring consistent data quality.
- Built interactive Tableau dashboards that reduced reporting time by 40%, enabling faster product roadmap adjustments.
- Assisted senior analysts in developing regression models to predict customer churn, supporting proactive retention strategies.

EDUCATION

Bootcamp Diploma - Data Science

DataMaster Bootcamps, New York, NY (2015)

