

Maya Patel — Data Scientist

Years of Experience: 13

None in Statistics

MAYA PATEL

Data Scientist

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SUMMARY

Results-driven Data Scientist with 13 years of experience transforming complex data into actionable insights across finance, healthcare, energy, and retail sectors. Holds a Professional Certificate in Statistical Analysis and a proven track record in predictive modeling, machine learning, and data-driven decision making. Adept at leading cross-functional teams, deploying scalable analytics solutions on cloud platforms, and communicating findings to senior stakeholders. Passionate about leveraging statistics and data science to solve real-world problems and drive business growth.

SKILLS

Python, R, SQL, Machine Learning, Statistical Modeling, Data Visualization, Tableau, AWS, Big Data Analytics, Feature Engineering, A/B Testing, Project Leadership

- Collected and cleaned transactional data to support credit risk assessments.
- Developed SQL queries and stored procedures to extract insights for loan portfolios.
- Created visual dashboards using Tableau that reduced report turnaround time by 30%.
- Collaborated with product managers to define KPI metrics for new financial products.
- Led a team of analysts to build predictive models for patient readmission risk.
- Implemented machine-learning pipelines using Python and scikit-learn.
- Published internal white papers on data quality initiatives that improved data governance.
- Presented findings to executive leadership, influencing a \$5M investment in preventive care programs.
- Designed and deployed forecasting models to optimize renewable energy output.
- Integrated real-time sensor data streams into AWS EMR for scalable analytics.
- Introduced feature-selection techniques that increased model accuracy by 12%.
- Co-authored a case study on predictive maintenance presented at the Global Energy Summit.
- Oversaw end-to-end development of recommendation engines for an e-commerce platform.
- Mentored a team of four junior data scientists and facilitated knowledge-sharing workshops.
- Implemented A/B testing frameworks that guided product launch strategies, improving conversion rates by 8%.
- Partnered with marketing and supply-chain departments to align data insights with business objectives.
- Built portfolio-management models for a multi-asset investment firm, reducing risk exposure by 15%.
- Managed cloud-based data infrastructure on Azure, ensuring high availability and compliance.
- Spearheaded the adoption of deep-learning techniques for natural language processing of market news.
- Delivered quarterly reports to C-level executives, translating technical findings into strategic recommendations.

EDUCATION

Professional Certificate, Statistical Analysis, Statistical Learning Academy, Online (2020)