

# Data Scientist

## Priya Nair

Denver, Colorado

☎ (720)-456-7890 | ✉ priya.nair1990@gmail.com

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## Professional Summary

Data Scientist with a solid foundation in data analytics, machine learning, and statistical modeling, holding a Master's degree in Data Science from Northeastern University. Skilled in transforming data into actionable insights, with expertise in Python, R, and SQL. Experienced in developing predictive models and interactive dashboards to aid data-driven decision-making and streamline business processes.

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## Experience

### Data Science Intern

*DataInsights Inc., Boston, MA*

*June 2023 - August 2023*

- Created machine learning models for customer segmentation, leading to a 25% improvement in targeted marketing accuracy.
- Analyzed and visualized large datasets using Python and SQL, uncovering critical business trends to support strategic initiatives.
- Developed interactive dashboards with Tableau, increasing data accessibility among non-technical users by 30%.

### Data Analyst Intern

*Innovate Analytics, Austin, TX*

*January 2023 - May 2023*

- Designed data cleaning pipelines, enhancing reporting accuracy by 30% and reducing the manual effort required for data processing.
  - Built predictive analytics models to forecast sales trends, improving forecast accuracy by 15%.
  - Collaborated with cross-functional teams to integrate data insights into strategic decision-making processes.
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## Projects

- **Predictive Maintenance Model**

Developed a predictive maintenance model using time-series analysis to forecast equipment needs, reducing downtime and optimizing maintenance schedules. Implemented in Python and SQL and deployed with Flask for real-time monitoring.

- **Customer Churn Analysis**

Built a logistic regression model to identify high-risk customers, supporting customer retention efforts. Integrated findings into Tableau dashboards, allowing the marketing team to continuously monitor churn risk.

- **Data-Driven Pricing Optimization**

Developed an R-based solution for competitor pricing analysis, enabling dynamic pricing decisions and reducing analysis time by 40%.

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## Technical Skills

- **Languages & Tools:** Python, R, SQL, Tableau, Flask
  - **Data Analysis & Visualization:** Machine Learning, Data Visualization, Statistical Analysis
  - **Other Tools:** Jupyter Notebooks, Git, Excel
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## Education

### Master's in Data Science

*Northeastern University, Boston, MA*

*2021 - 2023 (GPA: 3.8/4.0)*

*Relevant Coursework:* Advanced Machine Learning, Data Mining, Big Data Analytics, Predictive Modeling