

# Arielle Martinez — Data Analyst

Years of Experience: 6

Master of Science in Statistics

ARIELLE MARTINEZ

Data Analyst

San Francisco, CA - (555) 123-4567 - ariell.martinez@email.com - LinkedIn: linkedin.com/in/ariellmartinez

## \*\*SUMMARY\*\*

Seasoned Data Analyst with a Master of Science in Statistics and 6 + years of progressive experience in healthcare analytics, financial forecasting, and technology-driven data solutions. Adept at translating complex datasets into actionable insights using advanced statistical modeling, SQL, Python, and visualization tools to inform strategic decision-making.

- SQL
- Python (pandas, NumPy, scikit-learn, Airflow)
- R (dplyr, ggplot2, caret)
- Tableau, Power BI
- Data Cleaning & ETL
- Statistical Modeling - Hypothesis Testing, Regression, Time Series Forecasting
- Machine Learning (supervised & unsupervised)
- Data Warehousing - Snowflake
- Data Visualization
- Team Leadership & Mentorship

## \*\*EXPERIENCE\*\*

- Collected, cleaned, and analyzed patient outcome data to support clinical research initiatives.
- Developed automated SQL scripts to extract and transform data from the enterprise data warehouse.
- Created Tableau dashboards for department heads, improving reporting turnaround time by 30 %.
- Conducted exploratory data analysis and presented findings in weekly strategy meetings.
- Led cross-functional data projects to forecast loan default risk, integrating machine learning models into production pipelines.
- Designed and maintained data pipelines using Python and Airflow, reducing data processing time by 45 %.
- Performed advanced statistical analyses (regression, clustering) in R to identify market segmentation opportunities.
- Collaborated with business units to translate quantitative insights into actionable growth strategies.
- Headed a team of four analysts delivering end-to-end analytics solutions for SaaS product adoption metrics.
- Implemented A/B testing frameworks, yielding a 12 % increase in user engagement for the flagship product.
- Coordinated the migration to a Snowflake-based data warehouse architecture, enhancing query performance.
- Provided mentorship and training on statistical best practices across the data science team.

## \*\*EDUCATION\*\*

Master of Science, Statistics - Northwestern University, Evanston, Illinois  
2018

--