

Avery Elliott

📞 (619) 555-1234 ✉️ avery.elliott@example.com 💼 linkedin.com/in/averyelliott 📍 San Diego, CA 92101

SUMMARY

Ambitious Master's student specializing in Data Science, eager to leverage a strong foundation in data analysis and visualization. Experience includes extensive work with statistical packages like R, SQL, and MATLAB for impactful business insights. Excellent communicator skilled at presenting complex data findings compellingly tailored to diverse stakeholders. Collaborated closely with cross-functional teams to enhance decision-making processes through actionable insights from various datasets. Keen on contributing practical solutions that drive product improvements and provide tangible benefits to both business goals and customer satisfaction.

EDUCATION

Master of Science in Data Science
University of California, San Diego GPA: 3.8
Coursework: Statistical Analysis, Machine Learning, Predictive Modeling, Data Visualization

2026
La Jolla, CA

TECHNICAL SKILLS

- **Statistical Packages:** R,SAS,Stata,MATLAB
- **Data Visualization Tools:** Tableau,R
- **Programming Languages:** Python,R,MATLAB
- **Database Management:** SQL
- **Machine Learning Techniques:** Classification,Regression
- **Project Management Tools:** Trello,Asana,JIRA
- **Data Processing Frameworks:** Pandas,Numpy,Scikit-learn
- **Cloud Platforms:** AWS,Azure,Google Cloud
- **Research Methodologies:** Surveys,Interviews,Focus Groups
- **Documentation Standards:** APA,MLA

SKILLS

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|----------|----------------------|------------------------|
| • R | • MATLAB | • Statistical Analysis |
| • Python | • Tableau | • Machine Learning |
| • SQL | • Data Visualization | • Predictive Modeling |

EXPERIENCE

Data Science Intern
University Research Lab

June 2025 - Present
San Diego, CA

Supported healthcare initiatives through detailed data analysis and visualization. Enhanced project workflows by collaborating across disciplines.

- Conducted comprehensive data analyses on healthcare datasets, revealing insights that informed policy recommendations.
- Developed interactive dashboards using R and Tableau, effectively communicating findings and enhancing stakeholder engagement.
- Collaborated with interdisciplinary teams to understand requirements, streamline project workflows, and improve deliverable scalability.
- Implemented predictive models to forecast resource needs, supporting optimized allocation planning in healthcare settings.
- Presented research conclusions at academic conferences, praised for clarity and informed insight.
- Participated in technical training sessions focused on advanced statistical methodologies and machine learning.

Statistical Analyst
Academic Research Group

January 2025 - May 2025
Los Angeles, CA

Pioneered statistical projects that supported education reform initiatives. Key contributor to published research on socioeconomic factors related to student performance.

- Analyzed survey data with MATLAB, uncovering relationships between economic factors and educational outcomes.
- Employed SQL for data processing tasks, ensuring robustness and integrity across datasets used in analyses.
- Crafted in-depth reports outlining significant findings and suggestions influencing educational policies.
- Contributed to peer evaluations of study designs, enriching research practices through collaborative feedback.
- Developed a machine learning classification model achieving considerable accuracy in predicting student success rates.
- Engaged with faculty to refine methodological approaches and strengthen data sourcing strategies in ongoing studies.

Lead Data Analyst
Capstone Project

September 2024 - December 2024
Remote

- Led an analytical capstone project focusing on retail consumer behaviors, providing insights that influenced marketing tactics.
- Directed efforts analyzing consumer behavior for a local business, delivering results that catalyzed a notable sales increase.
 - Utilized statistical methodologies across tools, conducting A/B testing that improved marketing strategy effectiveness.
 - Presented final findings after collaboratively developing comprehensive visual displays with team members.
 - Ensured timely project delivery through strategic coordination of roles and responsibilities within the team.
 - Conducted market trend analyses to back evidence-based recommendations on inventory placements and pricing tactics.
 - Earned commendation from advisors for exemplary analytical depth and project execution quality.

LEADERSHIP & AWARDS

- Dean's List, University of California, San Diego – 2024
- Dean's List, University of California, San Diego – 2025

CERTIFICATIONS

- Certified Data Analyst 📅 2025
- Google Data Analytics Certificate 📅 2025

PROFESSIONAL AFFILIATIONS

- Member, Data Science Society – 2024 – Present
- Hackathon Team Member, UCSD DataFest – 2025

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST