

Ishaan Elliott

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SUMMARY

Eager Data Scientist with over five years of experience in transforming diverse datasets into actionable insights through machine learning and analytics. Committed to collaborating with clients to understand needs and foster data-driven decision-making. Expertise in developing algorithms and systems that leverage advanced tools such as Python, R, and SQL. Proficient in visualizing complex data structures for non-technical audiences, ensuring clarity and impact. Actively hold TS/SCI clearance and a strong foundation in statistical methodologies and data engineering, focused on driving innovative solutions for significant challenges.

EXPERIENCE

Data Scientist

June 2023 - Present

Innovative Data Solutions

Boulder, CO

Oversaw projects aimed at leveraging data science techniques to deliver meaningful insights. Collaborated with various teams to implement analytical frameworks, enforcing consistency across all analytics operations and ensuring alignment with business goals.

- Developed machine learning models predicting customer behavior, refining marketing strategies and significantly increasing retention rates.
- Utilized Python for extensive data cleaning and model training, maintaining high levels of dataset integrity crucial for analysis.
- Created insightful visualizations using Plotly, translating complex results into accessible presentations for stakeholders.
- Conducted rigorous evaluation of model performance, continuously adjusting algorithms to meet precision objectives.
- Mentored junior analysts in best practices surrounding machine learning, promoting a knowledgeable team environment.
- Drove collaborative workshops leading departments toward data-centric decision frameworks.

Junior Data Analyst

January 2021 - May 2023

Data Insights Group

Denver, CO

Contributed expertise in data trends and modeling to inform strategic business processes. Developed engagements with senior management, interpreting complex datasets to enhance operational outcomes.

- Analyzed large volumes of data for trend identification, playing a key role in a revenue growth strategy.
- Assisted in crafting predictive models utilizing R and SQL, enhancing accuracy and effectiveness of forecasts.
- Presented findings through dynamic dashboards tailored for accessibility by non-technical audiences.
- Engaged in data cleaning processes post-collection, securing reliability for subsequent analyses.
- Collaborated closely with senior team members to refine qualitative methodologies, leading to higher project success.
- Continually pursued skill enhancement in contemporary data science tools relevant to emergent industry challenges.

Data Analyst Intern

June 2020 - December 2020

Tech Innovators Inc.

Greeley, CO

Gained foundational experience in data analysis while supporting client-focused projects. Designed reports contributing to conceptual engagement with data insights, thus enhancing stakeholder comprehension.

- Executed exploratory data analysis on assigned projects, identifying impactful insights for stakeholder consideration.
- Improved datasets by performing detailed cleaning and structuring tasks, ensuring optimal conditions for further stages of integration.
- Employed SQL for effective data extraction from databases, yielding actionable inputs critical to ongoing analyses.
- Participated in innovation sessions, contributing ideas and solutions pertinent to improving data handling procedures.
- Created informative presentations demonstrating analytical results meant to improve participant understanding.
- Acquired hands-on experience with visualization tools, enriching reporting capabilities with effective graphics.

LEADERSHIP & AWARDS

- Dean's List, Colorado State University, 2024
- Data Science Hackathon Winner, CSU, 2025

EDUCATION

Bachelor's Degree in Data Science

2026

Colorado State University GPA: 3.5

Fort Collins, CO

Coursework: Data Mining, Machine Learning, Statistical Analysis, Data Visualization

CERTIFICATIONS

- Certified Data Scientist 📅 2026
- Python for Data Science 📅 2025

TECHNICAL SKILLS

- **Programming Languages:** Python,R,SQL
- **Machine Learning Frameworks:** scikit-learn,TensorFlow,PyTorch
- **Data Visualization Tools:** Plotly,Seaborn,Tableau
- **Database Technologies:** MySQL,PostgreSQL,SQLite
- **Big Data Technologies:** Hadoop,Spark,MapReduce
- **Natural Language Processing:** NLP Techniques,Text Mining,Sentiment Analysis
- **Version Control Systems:** Git,Github,Bitbucket
- **Cloud Platforms:** AWS,GCP,Azure
- **Statistical Analysis Tools:** SPSS,SAS,Minitab
- **Data Engineering Tools:** Apache Kafka,Airflow,Docker

SKILLS

- | | | | |
|--------------------|------------------------|-------------------------|---------------------------|
| • Python | • Data Visualization | • Data Engineering | • Statistical Methods |
| • R | • Data Cleaning | • Data Analytics | • Data Retrieval |
| • SQL | • Predictive Modeling | • Algorithm Development | • Artificial Intelligence |
| • Machine Learning | • Statistical Analysis | • Visualization Tools | |

PROFESSIONAL AFFILIATIONS

- Member, Data Science Society, Colorado State University
- Volunteer, Local Food Bank Data Management Team

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST