

Isaac Beaumont

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Education

Bachelor of Science in Data Science

Brigham Young University-Idaho

Dec 2024

Rexburg, ID

- **GPA:** 3.7
- **Minors:** Statistics & Business Analytics
- **Societies:** BYU-I Data Science Society
- **Courses:** Time Series, Applied Linear Regression, Big Data, Machine Learning, Database Admin

Technical Skills

- **Python:** PySpark, Polars, Pandas, LetsPlot, Scikit-learn, XGBoost, Dash, Plotly
- **R:** Tidyverse, Rvest, Mosaic, Car, Fable, Time Series, Resource Selection, Lubridate
- **SQL:** SSMS, MySQL, PostgreSQL, Kubernetes, VM instances
- **Others:** Docker, Power BI, Tableau, Excel, Git, AWS, Google Cloud Console, Databricks

Work Experience

Data Scientist & Engineer

Country Supplier – CAL Ranch

Apr 2024 – Present

Remotely

- Analyzed Inventory Data leading to a list of 4,000+ items across 55 different C-A-L & Coastal stores in 5 states that had \$1+ million dollars of excess inventory.
- Piloted Power BI reporting within the company, leading to a 20% increase in reporting efficiency.
- Web scrapped Amazon among other competitors for over 300K items prices and curated a report to flag needed price changes and actionable decisions, leading to a 2% increase in Gross Margin overall.

Big Data TA

Brigham Young University - Idaho

Apr 2024 – Present

Rexburg, ID

- Collaborated with students in utilizing PySpark and Polars to create proper units of analysis for predictive and analytical models.
- Developed and built class projects in PySpark or Polars prior to class to ensure effective teaching assistance, leading to a 20% increase in student project completion rates.
- Provided one-on-one guidance to students, enhancing their understanding of big data tools and techniques.

Data Science Tutor

Brigham Young University - Idaho

Dec 2023 – Apr 2024

Rexburg, ID

- Assisted students in debugging code from data science and statistic classes, resulting in a 30% increase in assignment completion and correctness.
- Guided students in R and Python for data wrangling, visualization, and statistical methods, improving their coding proficiency and understanding of key concepts.
- Addressed individual learning needs, leading to a 20% improvement in students' grades, comprehension, and self-reliance in coding practices.

Statistician Tutor

Brigham Young University - Idaho

Jan. 2023 – Jan 2024

Rexburg, ID

- Provided 200+ personalized appointments increasing students final grade by 5-10%.
- Researched statistical topics furthering statistical knowledge to tailor proper units of analysis for students.
- Demonstrated R's use as a statistical tool, teaching students how to apply coding, functions, and formulas to analyze, visualize, and communicate statistical findings.