DAVID BELL

DATA SCIENTIST

EXPERIENCE

Seattle Public Library   April 2021 - July 2021
Data Science Student   *Rexburg, ID*

- Derived machine learning features from a 60 GB transactional database with Python, leveraging PySpark in Databricks
- Used SparkSQL to query big data
- Predicted future demand for books in the Seattle Public Library system using a variety of labels to inform strategic selling of inventory

BYU-Idaho Data Science Society   April 2021 - July 2021
R Bootcamp Instructor   *Rexburg, ID*

- Developed curriculum and taught burgeoning data science students
- Lessons centered on data exploration, manipulation, visualization, and interpretation using R
- Taught RMarkdown and markdown for professional reporting

BYU-Idaho Data Science Lab   April 2021 - July 2021
Data Science Tutor   *Rexburg, ID*

- Managed and assisted up to 10 students at any given time, both in-person and remote via Zoom
- Helped students with Python, R, and SQL homework
- Work included data manipulation and visualization, statistical modeling, machine learning, and reporting

Dockside Restaurant   October 2019
Data Science Consultant   *Coeur d'Alene, ID*

- Analyzed food and beverage sales data to identify potential trends
- Performed statistical modeling using R, visualizing data in ggplot and Plotly
- Reported data-driven insights to General Manager to help determine future promotion strategy

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EDUCATION

Expected December 2021
Brigham Young University - Idaho
Bachelor of Science - Data Science
Minor in Statistics

RELATED SKILLS

- R
- Python
- SQL
- Data Exploration, Manipulation, and Visualization
- Machine Learning
- Web-scraping
- Probability and Statistics
- Visual Design and Communication
- LaTeX
- Markdown
- CSS
- HTML

LEADERSHIP

April 2021 - July 2021
BYU-Idaho Data Science Society
VP of Outreach