

# Brigham Eaquinto

707.391.5417 | brighameaquinto@gmail.com | www.linkedin.com/in/brighameaquinto

## Education

**Bachelor of Science in Data Science** | *Brigham Young University – Idaho* | Rexburg, ID

April 2023

- Minor: Statistics
- Tools: Power BI (DAX), T-SQL, DataBricks (PySpark), R (Tidyverse), Github (Git), Python (Pandas, Scipy, Scikit-Learn)
- Skills: Business Analytics, Linear Regression, Statistical Analysis, Machine Learning, Data Wrangling & Visualization

## Work Experience

**Data Analyst** | *Brigham Young University – Idaho* | Rexburg, ID

April 2021 – Present

- Automated semester reports saving 3+ weeks of manual reporting each semester by developing a reusable R script for efficient, high-quality results in every use
- Guided team of 5 analysts in professional development, data manipulation skills, data visualization theory while fostering a positive work environment
- Led development of tri-university reporting suite using Power BI focusing on retention of online students; reports were utilized by Institutional Research, University Presidential Council for more informed executive decisions
- Prepared reusable weekly and monthly reports to Student Life executives on program KPIs and past expenditures by automating data pipeline from Qualtrics and university data warehouse to report deployment

**Data Science Intern** | *Brigham Young University – Pathway* | Salt Lake City, UT

January 2022 – April 2022

- Created 10+ variations of ML model leveraging sklearn to predict student retention ensuring maximum model performance; model was implemented university-wide
- Leveraged topic modeling to label text data using the Gensim NLP package enabling use of 10% more features incorporated in student success prediction model
- Quantified and modeled student KPIs by statistical measurements for effective and reusable progress tracking increasing faculty effectiveness by 30%

## Projects

**Research Business Development Center Consultant** | *School District 91* | Idaho Falls, ID

September 2022 – Present

- Designed and created PowerBI report for school Board of Trustees and Superintendent on financial management, HR, and student achievement by utilizing measures in DAX resulting in greater school funding
- Developed data model from multiple data sources to provide compelling visualizations and data summaries
- Met with stakeholders to understand requirements and effectively communicate findings to various audiences
- Instructed team on PowerBI and DAX; ensured team members were included and excelled by finding their strengths to help them see their natural contributions

**Stock Price Prediction Engineering**

April 2022

- Queried SafeGraph API leveraging Graph Query Language and SparkSQL to engineer database in Databricks
- Engineered 15+ features by wrangling in PySpark (including window functions) enabling stock price prediction model on thousands of globally traded companies
- Built multiple ML models using Sklearn and MLib; created Streamlit app in Python for model prediction deployment

## Volunteer Experience

**Volunteer Analytics Teacher** | *Brigham Young University – Idaho* | Rexburg, ID

April 2022 – Present

- Instructed Data Science Society class of 15 students on basic R skills (importing, wrangling, and graphing data) taking students from no experience to intermediate skill level in 12 weeks
- Taught students full data process starting from investigating data source quality, to robust analysis, finishing with presenting analysis results for competent data storytelling
- Provided informative resources to students about data science ensuring all students comprehend each concept and technique resulting in 100% of students as "far better prepared"