

BRENDEN EVERITT

CONTACT

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EDUCATION

- 2019 - 2018
Master of Data Science
University of British Columbia
- Capstone Project: Conducted a research effort to analyze BC Maritime Employers Association labour demand data. Produced short-term labour forecasts, 14 days out, using time-series and simulation models in R and presented them in a Shiny dashboard
 - Relevant Courses: Databases and Data Retrieval, Web and Cloud Computing, Supervised Learning, Unsupervised Learning, Advanced Machine Learning
- 2017 - 2014
Bachelor of Commerce, Operations Management
University of Alberta
- Graduated with Distinction (GPA: 3.9)
 - Relevant Courses: Multivariate Data Analysis, Forecasting

EXPERIENCE

- 2018 - 2017
Business Officer
Government of Canada
- Produced management dashboards using Power-BI to consolidate hundreds of thousands of data points into key metrics that informed strategic decision making
 - Designed technical IT requirements (Excel, Regression) based an analysis of the drywall contractor industry to rollout a \$12 million relief program that resulted in funding being provided to over 400 homeowners and 300 businesses affected by increases in drywall prices
 - Conducted user acceptance testing for new system configuration rollouts for four government program intake process as part of a cross-functional team
- 2016
Data Analyst
Solution 105 Consulting Ltd.
- Conducted market research to identify factors that influenced utility consumption and distribution costs resulting in more accurate budget estimates
 - Updated complex regression models to predict utility consumption and costs for large commercial real estate clients, reducing error rates by up to 10%

PROJECTS

- 2019
Fantasy Hockey Player Analysis
- Developed an R shiny app (R, Rstudio) to visualize NHL player statistics pulled from the NHL API (Python). Through interactive visualizations, you can analyze players when selecting a fantasy hockey team. Ensured reproducibility through the use of a Docker Container
- 2018
VANSASH – Vancouver Whitecaps Hackathon
- Developed an R shiny app (R, RStudio) to aid coaches in developing defensive strategies for opposing teams. Through an interactive visualization, coaches could analyze the shooting and scoring tendencies of opposing players
- 2018
Direct Bank Marketing Campaign – Customer Classification
- Developed a decision tree classifier (Python, Jupyter Notebook) to predict bank customer sign-ups for new product offerings in direct marketing campaigns. Evaluated and tuned the model based on accuracy and recall

COMPETENCIES

- Database Management
- Data Analytics
- Machine Learning
- Regression and Forecasting
- Data Visualization and Communication

TECHNICAL SKILLS

- Python (scipy, numpy, pandas, matplotlib, scikit-learn)
- SQL, Microsoft SQL Server
- R, RStudio (tidyverse, ggplot, shiny, Rmarkdown)
- Microsoft CRM, PowerBI
- Git and Version Control
- Docker
- Excel (VBA)

AWARDS

- Jason Lang Scholarship - 2015, 2017
- CA Transfer Scholarship - 2014
- Alexander Rutherford Scholarship - 2012