

Rachel K. Riggs

HIGHLIGHTS

- Master of Data Science graduate
- Aiming to translate data into meaningful insights and solutions as a Data Scientist
- Seeking to combine technical expertise and communication skills with enthusiasm for math, statistics, and computer science

EDUCATION

Master of Data Science University of British Columbia, Vancouver, BC	2018 - 2019
• A 10-month intensive program focused on developing statistics, computing and machine learning expertise.	
Courses in Department of Data Science Simon Fraser University, Burnaby, BC	2016 - 2018
Bachelor of Fine Arts in Computer Graphics and Interactive Media Pratt Institute, Brooklyn, NY	1996 - 2000

TECHNICAL PROJECTS

UBC Capstone Project Fresh Prep Order Rate Prediction	2019
• Collaborated in a small team to build a predictive model for customer order rates	
• Wrangled data, applied supervised learning techniques, and performed feature engineering	
• Communicated data-driven insights and recommendations	
Software Package Development	2019
• Developed exploreR and explorePy : R and Python packages for dataframe exploration	
Visualizing Cancer Incidence	2019
• Deployed a Shiny app for identifying Cancer incidence in Canada.	
Chocolate Bar Ratings Analysis	2018
• Produced a containerized data analysis pipeline that investigates Venezuelan chocolate	

TECHNICAL SKILLS

- **Languages:** Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn), R (tidyverse stack, Shiny, RMarkdown), SQL
- **Tools:** Git, Make, Docker, Cloud Computing Platforms (AWS, Google Colab)
- **Concepts:** Data Visualization, Data Wrangling, Statistical Inference, Regression, Supervised Learning (Decision Trees, Random Forests, k-Nearest Neighbors, Neural Networks), Unsupervised Learning (Clustering, PCA), Feature Selection/Engineering, Time Series Analysis

STRENGTHS & QUALIFICATIONS

- Vibrant communicator, experienced and comfortable presenting to diverse audiences
- Dedicated team player, recognized for ability to work autonomously as well as collaboratively
- Creative problem-solver with a passion for learning and continual improvement
- Ability to multitask on multiple projects and timelines in fast-paced environments

PROFESSIONAL EXPERIENCE

Motion Graphics Animator and Composer Self-Employed New York, NY & Vancouver, BC	2005 - 2015
• Adobe After Effects artist: animation, compositing, motion tracking, rotoscoping	
Senior Designer / Animator Loopmedia Toronto, ON	2004 - 2005
Designer / Animator and Assistant Editor EyeballNYC New York, NY	2000 - 2004