



SAMUEL SIMOGIARTO

Vancouver, BC



SamuelSiem



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Data-driven individual with the desire to keep learning and exploring ideas to enhance creativity, who have established track of leadership. A Bachelor of Science with major in mathematics, experienced in working with big data, programming, analytics, and problem solving. An independent person who adapt easily to surroundings and new environment, including programming languages and projects.

➤ Technical Skills

- **Data Analytics:** Excel, T-SQL, MySQL, Power BI, Tableau
- **Programming:** Python, MATLAB/Octave, Java, C

➤ Education

- **BSc., Mathematics, The University of British Columbia**
Graduated: May 2019

➤ Work Experience

- **Junior Data Analyst – Rocky Mountaineer**
 - *Providing ad hoc business support to multiple stakeholder in multiple departments across the business through data analysis. Using Microsoft SSMS to pull relevant datasets and to create new table within the database. Delivering projects using Power BI, python, and/or Excel.*
- **Cards Advisor – RBC**
 - *Solving RBC clients' credit card problems by following 5 RBC core values and as a first point of contact to provide financial advice while maintaining efficient AHT and compliance.*
- **Sales Associate – Filson**
 - *Provide excellent customer service, communication, and floor organization to achieve daily sales target*

➤ Online Certifications

- **Business Metrics for Data-Driven Companies**
Coursera, Duke University – Completed: June 2019
- **Mastering Data Analysis in Excel**
Coursera, Duke University – Completed: July 2019
- **Data Visualization and Communication with Tableau**
Coursera, Duke University – Completed: July 2019
- **React Basic**
Udemy, Code4StartUp – Completed: July 2019
- **Managing Big Data with MySQL**
Coursera, Duke University – Completed: August 2019
- **Complete Data Science Bootcamp**
Udemy, 365 careers – Completed: March 2020
- **Machine Learning**
Coursera, Stanford University – In Progress

➤ Data Analytics Projects

- **Cancellations – Rocky Mountaineer**
 - *With the rapid increase in number of cancellation due to COVID-19, provided analysis in the impact of this pandemic. Analyzed based on revenue, count of booking numbers, and customer behaviour.*
 - *Created a Power BI Report to provide visualization of the situation that is being used by the board of directors to make business decisions. Automated the process by setting up SQL Server Job and Power BI scheduled refresh to update the dataset in daily basis.*
- **Promotion Analysis – Rocky Mountaineer**
 - *Perform analysis using python and create a presentation using Jupyter Slides that was visualized using plotly express. Able to see customer behavior that is shifted to purchase longer packages rather than short journeys as it was in prior years. Helped marketing to provide business plan for future travels.*
- **Dognition Project – Online Course**
 - *Perform MySQL queries from a real-life database from a startup company to collect relevant data fields from multiple tables. Using Jupyter Notebook as the interface platform and using Python codes to perform visualization using matplotlib and table manipulation using pandas.*
 - *Using Tableau to further visualize data and make a business presentation using Tableau's dashboard and story features regarding a recommendation toward business problem to increase the completed test rate.*
- **Credit-card default/no default cost – Online Course**
 - *Using Excel to perform AUC analysis. Create a model to get AUC 0.78 on the training data set and AUC 0.73 on the test data set with the help of linear regression. Perform the TP, FP, and threshold analysis with their respective dollar value to compute the minimum cost per credit card and the maximum profit that can be achieved.*
- **Budget Analysis - Personal**
 - *Using Excel to input and analyze my personal spending in monthly basis. Perform analysis such as average, median, sum, line chart, and pivot table to visualize my own spending behavior. Using this analysis to create budget for the following month.*

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