

Jingjun (Julia) Yu

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Tableau Repo.: <https://public.tableau.com/profile/julia.yu2694#!/>

CAREER OBJECTIVES

- Aiming to capitalize on my experience in data management, data analytics, research & BI
- Motivated in working in data analytics with data scientists with innovation in business

SKILL SUMMARY

- Languages: French (Advanced intermediate), English, Mandarin Chinese
- Data visualization tools: Tableau, Alteryx, Excel (advanced)
- Database management systems: MySQL
- Programming languages: Python, SQL, R, Bash
- Statistical analytical software: SAS, SPSS

WORK EXPERIENCE

May 2017-Present

Data Analyst

Data Management Office, *Research Institute of McGill University Health Center*, Montreal

- Program using SQL for data wrangling, analysis, visualization and summary
 - Collect data from multi-sources into one large database ready for data consumption
 - Write reusable SQL queries to update systems in relational databases daily
 - Produce ad-hoc multi-dimensional summary reports upon requests
- Optimize data processes and produce ad-hoc reports for stakeholders upon requests
 - Elicit requirements and conceptualize ideas to IT based on Agile principles
 - Acted as a liaison and helped implement tools to monitor and interpret results for team
 - Save time by streamlining processes using original ideas to improve work standards
- Calculate internal funding distribution to allocate federal funds through project managements
 - Coordinate data transfers with business stakeholders on time-sensitive projects
- Attended Tableau User Summit and communicated relevant user cases to manager
- Perform quantitative analyses and integrated analytical tools to prepare for future solutions

2017

Teaching Assistant to Statistical Methods

McGill University

- Provided SAS coding trainings to undergraduates at interactive computer lab twice a week

2016-2017

Junior Database Analyst

Chair's Office, *Department of Medicine*, Royal Victoria Hospital, Montreal

- Performed data cleaning in MS Excel to eliminate redundant data
- Managed database migrations and Designed new databases with links to enhanced workflow
- Advised and provided in-house trainings to administrative staffs for knowledge transfer

2016

Data Collection and Comparative Analysis Assistant

Dean's Office, *Faculty of Agricultural and Environmental Sciences*, McGill University

- Elicited criteria-based pedagogical data from peer institution and prepared summary reports
- Compared competitiveness of academic programs with others and developed a framework on suggested areas of improvement to directors

EDUCATION

2019-Present

Online courses

Udemy

MySQL, Business intelligence, Data Science using Python, SAP, Power BI, Project Management

2019-Present

Nanodegree in Data Scientist

Udacity

2019-2019

Nanodegree in Predictive Analytics for Business

Udacity

Completion of predictive projects using the followings:

Data blending (*Alteryx*), linear regression models, binary & non- binary classification models (*step-wise logistics, decision trees, random forest, boosted model*), A/B test, time-series forecasting (*ETS & ARIMA*), segmentation and clustering (*PCA*)

2018-2019

Nanodegree in Data Analyst

Udacity

Completion of Data Analysis Projects: Statistics, Python (Numpy, Matplotlib, Pandas), SQL, R, Tableau, A/B tests, Linux

2016-2017

Master of Science Applied in Human Nutrition

Faculty of Agricultural and Environmental Sciences, McGill University

Knowledge: Research Methods, Advanced Global Food Security, Statistical Methods II (SAS)

Research project:

Validity and Reliability of an Experienced-based Food Security Tool: Guatemala 2011 & 2014

2016

Certification of Basic Business Skills for Non-Business Graduate Student

McGill University

2011-2015

Bachelor of Science in Nutritional Science (*specialized in Health and Disease*)

McGill University

Knowledge:

- Statistical Methods I (SAS), Analysis of Nutrition Data (SPSS), Research Method, Applied Science Communication, Management Theories & Practices, Microeconomics

VOLUNTEERING EXPERIENCE

2013

Conference Facilitator, *McGill University*

- Coordinated keynote speakers and presented them to audience from across Canada at various workshops and sessions during McGill CACUSS conferences

INTERESTS

- Activities: Data Science projects, painting, playing piano, international mobility
- Exams: In preparation for *Tableau Certified Associate* (expected in April 2020), *Alteryx (Core)*

