Jingjun (Julia) Yu

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**Github :** <https://github.com/JuliaJingYu>

**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 reductant 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, Matplolib, 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)*

*Jingjun Julia Yu*