

# Brian Johns

## DATA ANALYST DATA SCIENTIST

Email: [the.brian.johns@gmail.com](mailto:the.brian.johns@gmail.com)

Phone: 778-991-2482

Website: [swimmingindata.com](http://swimmingindata.com)

LinkedIn: [linkedin.com/in/thebrianjohns](https://linkedin.com/in/thebrianjohns)

Github: [github.com/thebrianjohns](https://github.com/thebrianjohns)

### PROFILE

3-Time Canadian Olympic swimmer who understands the work ethic and determination needed to achieve excellence.

Experienced coach and leader who can take a wealth of knowledge and communicate effectively to stakeholders, teammates and co-workers.

A life-long student making a successful career transition into Data Science and is always eager to learn new skills and find new ways to solve problems.

### SKILLS

Languages:

- Python, SQL, R

Data Analysis:

- NumPy, Pandas, PySpark, SciPy

Data Visualization:

- Tableau, Matplotlib, Seaborn, Plotly

Statistics:

- Hypothesis Testing, A/B Testing

Machine Learning:

- Scikit-Learn, Keras, TensorFlow, PyTorch

Big Data:

- AWS, Hadoop, Spark, Hive, SageMaker

- Github and Command Line

## EXPERIENCE

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### Teacher's Assistant - Data Science | BrainStation

APR 2022 - JUL 2022, VANCOUVER, BC

- Selected as a Teacher's Assistant based on my academic performance and communication skills when enrolled at BrainStation.
- Evaluated, debugged and gave feedback for student assignments for topics such as SQL, Tableau, Python and Big Data analysis.
- Helped students with their education through 1-on-1 sessions, online assistance and assisting our lead educators during lectures.
- Taught supplementary material to enhance student's understanding of using Python, Machine Learning Models and Big Data tools.

### Director of Swimming/Head Coach | Vancouver Pacific Swim Club

SEP 2016 - OCT 2021, VANCOUVER, BC

- Implemented training programs to holistically develop our swimmers to achieve their daily and long-term goals.
- Collaborated with a variety of stakeholders, such as parents, coaches, the board and rental facilities, in order to deliver our programming.
- Found solutions for our program through the pandemic to ensure our training programs could continue and the club was financially viable.

## PROJECTS

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### [Predicting & Evaluating NHL Salaries](#)

JAN - APR 2022, BrainStation

- Utilized NHL basic and advanced statistics to predict and evaluate NHL player's salaries by using Linear Regression, XGBoost, Random Forest and Clustering models.

### [Analyzing Car Accidents in Vancouver Neighborhoods](#)

JULY 2022

- Collected and cleaned data from ICBC and the City of Vancouver to conduct advanced data analysis, including window functions and common table expressions, using MySQL and developed data visualizations and dashboards through Tableau.

## EDUCATION

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### BrainStation | Diploma, Data Science

JAN 2022 - APR 2022, VANCOUVER, BC, CANADA

- Cumulative Grade: 94.0%

### University of British Columbia | Master's in Kinesiology, Coaching Science

SEP 2009 - APR 2011, VANCOUVER, BC, CANADA

### University of British Columbia | Bachelor's in Human Kinetics, Physical Education

JAN 2001 - APR 2009, VANCOUVER, BC, CANADA