Data engineer with a background in Sport Data Analytics and Machine Learning with skills in Python, R, SQL, MongoDB, Excel and visualization dash-boarding with JavaScript/HTML/CSS and R/Shiny. Completed certification from the University of Toronto’s School of Continuing Studies Data Analytics Bootcamp with projects at github.com/tomcallegari and an honours graduate of Humber College’s 3-year advanced college diploma in Sports Management with a class wide award for Excellence in Academic and Internship Achievement for internships with Maple Leaf Sports and Entertainment (MLSE) and the Toronto Argonaut Football Club.

I am passionate about continually learning and increasing my data analytic skills, am a strong communicator who thrives in team environments and I find great satisfaction in extracting meaningful insights from complicated data.

**Technical Skills**

Python – R – SQL – MongoDB – Excel – JavaScript/HTML/CSS – Machine Learning

**Projects**

**Scouting with AI** - [github.com/TomCallegari/ScoutingWithAI](https://github.com/TomCallegari/ScoutingWithAI)

* Final project for UofT SCS Data Analytics Bootcamp that combines web-scraping, ETL processes and Python (Pandas, Numpy, Matplotlib, Tensorflow, PyMongo) to model amateur hockey players and their potential future performance.

**Housing Prices Kaggle Competition** - [github.com/TomCallegari/MachineLearningWithR-HousingPrices](https://github.com/TomCallegari/MachineLearningWithR-HousingPrices/blob/master/housing.proj.v4.r)

* Demonstration of data science workflow with R using the Tidyverse packages (dplyr, ggplot, caret, etc.)

**Machine Learning Challenge** for UofT SCS Data Analytics Bootcamp - [github.com/TomCallegari/machine-learning-challenge](https://github.com/TomCallegari/machine-learning-challenge)

* The purpose of this assignment was to explore, manipulate, build and then compare multiple machine learning models from the [NASA Kepler Space Telescope](https://www.kaggle.com/nasa/kepler-exoplanet-search-results) dataset.

**Experience**

Ticketing Analytics InternSeptember 2017 – December 2017

**Toronto Argonaut Football Club**

Ticketing / Marketing Analytics Intern January 2018 – April 2018

**Maple Leafs Sports and Entertainment**

**Education**

Certificate, Data Analytics Bootcamp May 2019 – November 2019

**University of Toronto School of Continuing Studies**

Advanced College Diploma – Honours, HRT Award for Academic and Internship Excellence2015 – 2018

**Humber College –** Etobicoke, Ontario