

Weseem H. Ahmed

Toronto

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weseemahmed.github.io

Professional Profile

- Master's degree in Economics and certified in Data Science
- Solid foundation of statistical modeling and machine learning algorithms
- Strong graduate-level statistics background
- 8 years' experience coding in R and proficient in Python and SQL
- Strong written and verbal communication skills

Experience

Data Scientist

11/2021 – 11/2022

Minerva Intelligence, Vancouver, Canada – Remote

- Managed end-to-end project to predict wildfire risk, resulting in the simulation of over 400 million fires across Canada for our clients and stakeholders
- Identified and integrated multiple data sources to compensate for limitations, thereby extending the applicability of the data and model
- Developed pipelines to efficiently collect, clean, and prepare massive volumes of data for analysis, as well as training and cross-validation data sets
- Presented results to management and engineering teams, resulting in the development of an API

Research Associate

09/2019 – 10/2021

Canadian Climate Institute, Toronto, Canada – Remote

- Integrated climate change projections with financial modeling to estimate profit impacts on Canadian firms over the next 30 years
- Studied physical climate risk impacts across urban – particularly flood and fire prone – areas across Canada, providing new insights into at-risk communities
- Established an Institute branding guide using R libraries and trained colleagues on data visualization and standards best practices

Policy Analyst and Clusters Specialist

03/2018 – 05/2019

Institute for Competitiveness & Prosperity, Toronto, Ontario

- Developed methodology and R-code to analyze 50 million data points culminating in a web application for an interactive economic cluster map
- Represented the Institute as an economic data expert, liaising with international counterparts, presenting my research at paper launch events, the Ministry of Finance, radio, and on television

Education

Master of Arts in Economics

2014 – 2016

Toulouse School of Economics, Toulouse, France

Bachelor of Arts in Economics

2010 – 2014

Western University, London, Canada