Reza Valiollahi Mehrizi

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SUMMARY

- Six years of university teaching experience, including curriculum development and conducting research projects.
- Excellent ability to effectively communicate complex ideas to a wide range of audiences, built through various academic presentations and seminars.
- Strong statistical and mathematical background leading to a number of excellent research publications: https://scholar.google.ca/citations?hl=en&user=fa3zgGAAAAAJ
- Involved in analyzing complex and high dimensional datasets in consultation with multiple businesses using a myriad of statistical and machine learning techniques depending on the stated objective of the client.

EDUCATION

- Master of Science in Statistic, University of Waterloo, 2016 - 2017
- Doctor of Philosophy in Statistic, University of Waterloo, 2017 – 2021

EXPERIENCE

Semnan University, Faculty Member (Lecturer), 2010 - 2016
- Collaborated in statistical analyses of census data for educational and environmental inquiries.
- Designed and developed a ranking scheme for bank customers.
- Built a predictive model using operations research and machine learning techniques to predict price fluctuations in the oil industry.

University of Waterloo, Student, 2017 – 2021
- Developed an algorithm to identify and predict changes in the behaviour of Coronavirus disease.
- Built a machine learning model that properly predicted the behaviour of Expedia clients.
- Collaborated with researchers to assess the quality of life in European Union and to predict European Index of Life Satisfaction.

SKILLS

- R, Python, SAS.
- Data cleansing, mining, exploring, visualizing and modelling.
- Statistical and machine learning methods.