

# Mehdi Yazdanian

Data Scientist & Instructor



## Work Experience

### Data Science | Analysis

2022 - Present

- Identified methods for predicting future outcome as per current scenario and inputs
- Accumulating data and data wrangling, analyzing and creating predictive models using various algorithms and building Shiny application for end users to evaluate their inputs and reach the highest possible score
- Sample Project 1: [Greenhouse Gas Emission up to 2031\(R, Shiny\)](#)
- Sample Project 2: [Select Your Crew - Rate Your Movie \(R, Shiny\)](#)

### College Instructor

Conestoga College - ON

September 2019 - Present

- Taught Microsoft Applications in-person and online at different campus of the college to 1000 + students
- Designed and implement unique evaluation for each individual using VBA as per each student ID number

### Pipe Stress Analyst

SNC LAVALIN & WORLEY PARSONS

May 2012 - December 2016

- Analysed pipe stress within brown or green field projects using CAESAR II software as per B31.1 and B31.3 standards
- Drove feasibility study of a gold mining project as the pipe discipline lead
- Designed pipe routes of various units of refinery and petrochemical plants such as Suncor and Shell within allowed time
- Collaborated with different engineering teams, clients, and all the stakeholders to deliver economical solution while keeping the quality and integrity in final outcome

**Applying more than 15 years of Engineering and Instructing Experience in Energy and Educational Sectors into Data Science/Analysis Projects**

## Contact

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[LinkedIn](#)

[Web Portfolio](#)

## Education

5-Course R Track, BSU  
MBA, York Uni.  
M.A.Sc. in Engineering,  
University of Windsor  
M.Sc. in Physics, Brock U.

## Skills

R & Shiny (Tidyverse)  
SQL  
HTML, CSS & SASS  
Docker  
Time Series Forecasting  
Customer Segmentation  
Churn & Attrition Prediction