

Mojgan Samandar A.E.

Data Analytics

CONTACT

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📍 Toronto, ON
🌐 [Website](#)
[Kaggle](#)

EDUCATION

M.Sc.
Big Data Analytics (GPA: 91.33)
[Trent University](#)
📅 Jan 2022- May 2024
📍 Peterborough, Canada

M.Sc.
Industrial Economics (GPA: 95)
[Gothenburg University](#)
📅 Oct 2008-May 2011
📍 Gothenburg, Sweden

SKILLS:

- Python (Numpy, Pandas, Scikit-learn, TensorFlow)
- R/R-studio, R shiny
- SQL (MySQL, Postgres)
- Power BI, Tableau (Dashboard Development)
- Git, GitHub
- Bash
- Docker
- PySpark
- Microsoft Suit (Word, Excel, PowerPoint)
- Apache Spark
- Econometrics, Statistics, Machine Learning, Web Scraping, NLP
- Supervised Learning: Linear and logistic regression, decision trees, support vector machines (SVM)
- Unsupervised Learning: K-means clustering, PCA, EFA, CFA, MCA

CAREER OBJECTIVE

Analytical and results-driven professional with a robust background in data analysis and process improvement, seeking to leverage expertise in data-driven decision-making and process optimization as a Data Analyst. Proficient in fostering collaboration across teams to ensure data integrity and committed to driving continuous improvement initiatives that enhance operational efficiency and support strategic objectives.

WORK EXPERIENCE

Senior Researcher,
[National Research Institute for Science Policy \(NRISP\)](#)
📅 Nov 2018 – Dec 2022 📍 Tehran, Iran

- Analyzed data to uncover trends and improve decision-making.
- Created dashboards to ensure data accuracy and visualization.
- Streamlined research processes and enhanced data collection.
- Onboarded and trained new staff on research practices.

Researcher,
[Iran's National Elites Foundation & Al.Zahra University](#)
📅 Dec 2017-Dec 2018 📍 Tehran, Iran

- Mapped and documented research processes for compliance.
- Supported new data management systems, including testing and migration.

Market Research Analyst (Economic Expert),
[Jofreh United Industries Company](#)
📅 Dec 2015– Dec 2016 📍 Tehran, Iran

- Conducted market research and forecasted product demand.
- Evaluated pricing and competition using regression analysis.
- Analyzed customer data to enhance marketing.
- Managed staff for research projects, ensuring efficiency.

SELECTED PROJECTS [link](#)

- Labour Market Landscape for Economics Graduates in Canada**
Conducted a comprehensive analysis of the labor market for economics graduates in Canada, leading to a publication in *Canadian Public Policy* (Forthcoming, March 2024). [link](#)
Skills: Web scraping, Google notebook, Tokenization, Stop Word Removal, Lemmatization, Unigram, Bigram, and Trigram Analysis, Keyword Extraction, OpenAI GPT-3.5-turbo.
- Grassroots Innovations and Innovators: The Case of Iran**
Investigated grassroots innovations in Iran, resulting in a published study in the *Journal of Innovation and Development* (2023). [link](#)
Skills: Multiple correspondence analysis (MCA), Descriptive analysis
- Regional Innovative Behavior: Evidence from Iran**
Explored regional innovative behavior in Iran, culminating in a publication in *Technological Forecasting & Social Change Journal* (2016). [link](#)
Skills: Spatial Analysis, Principal Component Analysis, Regression Analysis

