

# Ahmadreza Samadi

## Azure Data Engineer

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Positive, enthusiastic with a good problem-solving skill. Adept at providing expertise for working on projects and prioritizing business success. Data Engineer with more than 4 years of experience.

## Experience

Azure Data Engineer 09/2022 Present  
Oxfam Novib *The Hague, South Holland, Netherlands (Remote)*

- **Analyzing, designing, and developing data solutions** for Oxfam Novib's CRM, focusing on **Azure Databricks** and using various **Microsoft Azure Services (Storage, SQL, Data Factory, Key Vault, DevOps, etc.)**.

Data Engineer, Front-end Developer 10/2021 10/2022  
Klassroom.io *Toronto, Ontario, Canada (Remote)*

- Developing an **Engine** to **extract** and **transform** Data from other LMS to KLASSROOM compatible types
- Developing a new LMS for the Canadian education system which was applied to several schools across Toronto
- Embedding **Error monitoring** and **test applications**
- Using **SASS** (a well-known **CSS** framework) to create a beautiful **User Interface**
- **Technical lead**, studying and working with various cloud services like **AWS Lambda, AWS Code Pipelines, Azure Databricks, Azure Data factory, Azure Delta lake, etc.**

Data Engineer, R&D Scientist 11/2020 to 04/2022  
Hamrahe Aval (MCI) Tehran, Iran

- Studying **database marketing, direct marketing, customer lifetime value** and adapting the **RFM** model
- Optimizing the customer segmentation algorithm using **machine learning** on **R** and **python** with an increase of 20% (f-score 96%) and less memory allocation
- Implementing the algorithm to MCI's data to gain knowledge about the different groups (e.g. hot, cold, churn, etc.)
- Studying cloud solutions like **Azure** and **AWS** services

Data Engineer, R&D Scientist.  
Data Science Lab, Shahid Beheshti University

02/2020 to 04/2022  
Tehran, Iran

- Working and building applications with **Java (Spring, JRPC)**
- Implementing **robust, scalable microservice** functionality with **REST** APIs
- **Data Scraping** using **Python Beautiful Soap, Scrapy**, and **Selenium**
- Deploy solutions on cloud services

Data Analyst  
Iran veterinary organization

09/2019 to 06/2020  
Tehran, Iran

- Providing the base foundation of the Ministry of Agriculture (Iran) **Automation system**
- Working with various business process applications like **BPMN2**

## Education

Shahid Beheshti university  
(Master of Science in computer software engineering Specialized in Data Engineering)  
2019 – 2021 | **GPA: 3.7**

## Languages

- English (Full professional proficiency)
- Persian (Native or bilingual proficiency)

## Skill highlight

- Azure Databricks
- SQL
- Python
- Spark
- Multivariate Calculus & Linear Algebra
- Probability & Statistics
- Azure Services
- R
- VCS (Git)
- Strong leader
- Complex problem solver
- Team work
- Strong Communication
- Self-Awareness
- Patient