



Amir Zarabadi

Data Analyst / Machine Learning enthusiast

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- [Portfolio](#)
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Skills

• Programming

	Python	● ● ● ●
	SQL	● ● ● ● ●
	Scala	● ● ● ● ●
	Java	● ● ● ● ●
	Matlab	● ● ● ● ●

• ML library and Framework

	scikit-learn	● ● ● ● ●
	TensorFlow	● ● ● ● ●
	Pyspark	● ● ● ● ●
	Pandas	● ● ● ● ●
	NumPy	● ● ● ● ●

• Data tools

	Power BI	● ● ● ● ●
	Tableau	● ● ● ● ●
	MySQL	● ● ● ● ●
	Excel	● ● ● ● ●

• Cloud tools

	Amazon Redshift
	Amazon S3
	Google BigQuery
	Looker
	Google Analytics

• Virtualization and Network

	CCNA	● ● ● ● ●
	Docker	● ● ● ● ●
	VMware	● ● ● ● ●

Summary

I am a data analyst and machine learning enthusiast with expertise in Python programming. My focus is on applying data analysis and modeling techniques to support data-informed decision-making. I have gained experience using data analysis tools such as Power BI and Tableau to create meaningful data visualizations that effectively convey insights to stakeholders. I am skilled at effectively collaborating with cross-functional teams in an organization, contributing to successful project outcomes.

Education



Associate of Science, Data Analysis

(Aug 2022-Current)

[Hyperisland](#) | Stockholm, Sweden.

- Acquired a strong foundation in mathematical subjects relevant to data analysis and machine learning, including linear algebra, probability theory, and statistics.
- Acquired proficiency in Python and SQL programming languages, as well as data analysis tools such as Power BI and Tableau.
- Enhanced data analysis skills encompassing data cleaning, data visualization, and statistical analysis.
- Mastered various machine learning techniques, including regression, classification, clustering, dimensionality reduction, and neural networks.
- Gained experience in Cloud Computing tools and services, including AWS (Amazon Web Services) and GCP (Google Cloud Platform).



Bachelor of Science, Telecommunication Engineering

(Sep 2015 – Feb 2020)

[Imam Khomeini International University](#) | Qazvin , Iran.

- Completed a diverse range of courses in the field of Telecommunication Engineering
- Acquired proficient skills in MATLAB for signal analysis and filtering.
- Worked with virtualization and network tools, including GNS3, VMware, and Cisco Packet Tracer.

- Communication Tools

 GitHub ●●●●

 Jira ●●●●

Language

Persian ●●●●

English ●●●●●

Swedish ●●●●●

Certifications

 Data Scientist with Python | Datacamp

 DeepLearning.AI TensorFlow Developer Professional

 Data science specialist 7Learn

 Data Analyst in Power BI

 COMPLETE SQL MASTERY! code with mosh

 AWS Academy Cloud Foundations

 Stanford University Machine Learning Specialization

 TABLEAU FOR DATA SCIENTIST

Experience

Laboratory Assistant

(Oct 2017 – Dec 2019)

- IKU Digital System Laboratory, Qazvin, Iran.*
- Gained experience in programming microcontrollers and interfacing with other electronic devices
 - Developed coding skills in Python, MATLAB and C++

Data Analyst

(Jul 2020 – Jun 2022)

Qazvin Municipality, Qazvin, Iran.

- Created professional and engaging presentations to communicate insights and recommendations to managers
- Collaborated with cross-functional teams to ensure alignment on objectives and actions

Projects

Twitter Data Analysis for NLP Applications

(Dec 2022 - Current)

- Uncovered insights and trends through detailed tweet analysis, exploring linguistic nuances and sentiment analysis, to understand human interactions and emerging patterns. [[More info](#)]

Implemented a new approach in irrigation systems

(Dec 2019 – Feb 2020)

- Achieved a 20% performance improvement in an automated irrigation system by developing an innovative approach that merged two sensors to create a novel sensor system.
- Actively collaborated with cross-functional teams, including experts in electrical engineering and water faculty [[More info](#)]

Developed a Web page for the 34th Annual Physics conference

(Aug 2018)

- Implemented a user-friendly and easily navigable web page for a conference
- Facilitated scheduling of events, locating session venues, and networking with other attendees [[More info](#)]