

# Seyedmahdi Amin

## DATA SCIENTIST

Tel: +989374693649 Location: Mashhad, IR

Email: seyedmahdiamin1998@gmail.com

Linkedin: <https://www.linkedin.com/in/seyedmahdiamin>

GitHub: <https://github.com/seyedmahdiamin1998>



Data Scientist with 3+ years of experience. Proficient in stages of Data science, knowledgeable in data preprocessing, machine learning algorithms, and data visualization. A person who likes challenges and making her best effort on any project. Eager to learn new technologies and seek to work for a successful company that uses cutting-edge technologies and has a vision that recognizes and rewards performers.

## SKILLS

- Programming Language: Python, R, JavaScript
- Programming Knowledge: Pandas, NumPy, OOP, scikit-learn, Machine Learning, Keras, SQLAlchemy
- Database: MySQL, PostgreSQL, SQLite
- Data Visualization: Tableau, Matplotlib, ggplot2
- Others: AWS(EC2), Git, Django, DRF

## EXPERIENCE

FEBRUARY 2021 – JUNE 2022

**DATA SCIENTIST**, ARAN INTERNATIONAL ACCELERATOR

Aran is a provider of a variety of investment services, co-working space, business consulting and coaching market research, and economic studies.

- Designed a method to evaluate the performance accuracy of trading strategies that use real-time data and the most important achievement in this method was finding **2** logical problems in importing the real-time data in the backend developer team.
- Increased the profitability of trading robots by more than **10%** by replacing classification models with conventional regression time series models.
- APPLIED SKILLS: Python, pandas, NumPy, CCXT, Machine Learning, MySQL, GitHub, JavaScript, AWS(EC2)

JULY 2019 – JANUARY 2021

**DATA SCIENTIST**, OPTIMIZATION LABORATORY OF FERDOWSI UNIVERSITY OF MASHHAD

Optimization laboratory of Ferdowsi university of Mashhad is active in operational optimization and machine learning projects.

- Analyzed an infertility treatment center's data and created machine learning models to provide the best treatment for infertility with **82%** accuracy.
- Explore on the electricity consumption of Irankhodro Mashhad Company and created a machine learning model to predict future electricity consumption with **91%** accuracy.
- Research the seismographic data in northwestern Iran and create a dashboard to visualize earthquake locations on the map for the last **25** years.
- APPLIED SKILLS: Python, R, pandas, Machine Learning, Keras, scikit-learn, Matplotlib, Tableau

## EDUCATION

SEPTEMBER 2016 – MAY 2021

**B.SC IN STATISTICS**, FERDOWSI UNIVERSITY OF MASHHAD

## LANGUAGES

- English: Professional Working Proficiency
- German: Lower Intermediate
- Persian: Fluent