

MAHDI SHABANI

Junior Python Developer

CONTACT

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PROJECTS

LOG FILE ANALYSIS AND VISUALIZATION

This project provides a comprehensive solution for extracting valuable insights from Nginx log files. By leveraging Python, the project efficiently parses and cleans log data, stores it in a MySQL database, and generates informative visualizations. [LINK PROJECT](#)

Technologies Used: Nginx-MySQL-Python-Matplotlib-Seaborn

GLOBAL MARKET SALES ANALYSIS

Analyzed global market sales data to calculate the average profit for different segments, categories, and values. Created a table showcasing the highest profit in the technology sector. Used Seaborn to generate a heatmap for visualizing the data, with indices representing two fields and one field for columns. Implemented an option for normalized visualization as an alternative. [LINK PROJECT](#)

Technologies Used: Python-Pandas-NumPy-Seaborn

BREAST-CANCER

The breast cancer classification project using machine learning aims to create and evaluate various machine learning models to accurately diagnose and classify breast cancer samples into benign and malignant categories. This is done using the well-known Breast Cancer Wisconsin dataset, which includes features of tumor tissues such as size, shape, and other related characteristics. [LINK PROJECT](#)

Technologies Used: Python-Scikit-learn-Pandas-NumPy-Matplotlib-Seaborn

About me

I'm Mahdi, born in July 2000, with a strong interest in programming and artificial intelligence. I have intermediate proficiency in Python and continuously seek to expand my knowledge. My main focus is on developing AI models and working with FastAPI, with a particular interest in neural networks, including RNNs and LLMs. I am eager to work in these fields and grow my expertise. I thrive in collaborative environments and am highly interested in teamwork and participating in coding projects.

I'm also familiar with frameworks like FastAPI and have experience working on AI-related projects, contributing to the creation and optimization of machine learning models. I enjoy teamwork and actively participating in coding projects that challenge my skills and provide opportunities for growth.

WORK EXPERIENCE

 **Company Name :** Iran-Ai

2021 March - 2022 April

 **Job Title:** Ai Expert

- Conducted research on the latest AI articles and trends in the field of artificial intelligence.
- Transformed research findings into comprehensive documentation.
- Implemented various AI models and debugged potential issues.

CERTIFICATE

 [Python 3 Programming](#)

October 14, 2021 | Coursera

 [Machine Learning](#)

August 23, 2021 | Coursera



INTERESTS

- Reading articles related to artificial intelligence and machine learning
- Working with neural networks (RNN and LLM)
- Participating in coding projects and problem-solving
- Developing software applications using Python



EDUCATION

 **Bachelor of Law** Azad University

Completed in: 2022 August

SKILLS

Python Skills & Libraries

- Machine Learning
- Fast API
- Numpy
- Pandas
- Scikit-learn
- Matplotlib
- Keras
- TensorFlow



ML - Algorithms

- SVM
- PCA
- ANN
- KNN
- Naive Base
- K-means
- Decision Tree
- Random Forest
- Logistic Regression



Development Tools

- MySQL
- SQLite
- SQL Server
- Hugging face
- Git
- Linux

