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Arezoo Dahesh

*Business Intelligence Specialist | Data science researcher /
Kaggle Notebook Grandmaster*

As a data science researcher, I have had the opportunity to work on several projects that have allowed me to hone my skills in data analysis and predictive modeling. I am passionate about leveraging data-driven insights to inform business decisions and drive innovation. I am also committed to continuous learning in this field and keeping up with the latest trends and technologies.

Skills, Tools and libraries

Statistics for data science	Machine Learning	
Python	Scikit-learn	Pandas
NumPy	matplotlib	Microsoft Power BI
Text mining	NLTK	Hazm
gensim	fasttext	Web mining
selenium	BeautifulSoup	networkx
Microsoft SQL server	Spark Core	
Deep learning	TensorFlow	
ICDL1 (Word, Excel, Access, PowerPoint)		
ICDL2 (Basic concepts of IT, Windows, Internet)		













Education

- **Master of software engineering**
Islamic Azad University, Najafabad Branch
Oct 2019 - Feb 2023
- **Bachelor in Information Technology**
Payame Noor University
Sep 2011 - Feb 2015

Work Experience and Project

- **Business Intelligence Specialist**
Sepahan Battery Industrial Complex
Jul 2023 – Present
- **Implementation of computer vision methods for image detection, processing, and segmentation**
FaraAI (فراز هوش شریف) - Internship
Mar 2023
Performed tasks:
 - Working with images and videos
 - Road Lane segmentation
 - Face and eye detection
 - Landmarks detection (in body and face)
- **Analysis and classification of water and wastewater company subscribers**
Tehran Province Water and Wastewater (District 6)
May 2021
Performed tasks:
 - Data pre-processing
 - Selection of superior features
 - Construction of machine learning models
 - Tuning of hyperparameters of each model
 - Evaluation of models
 - Selection of the best model*Project Manager: Mr. Amirreza Tajally*

Educational course

 Applied Text Mining in Python
 Natural Language Processing in TensorFlow
 Convolutional Neural Networks in TensorFlow
 Introduction to TensorFlow
 Neural Networks and Deep Learning
 Data Science Professional
 Time-series with Python
 Intermediate Machine Learning
 Intro to Machine Learning
 Python
 Machine Learning with Python
 Machine Learning

- **Analysis and classification of patients**

Motamed Cancer Research Institute

May 2021

Performed tasks:

- Data pre-processing
- Clustering of patients in order to obtain a target for this case
- Selection of superior features
- Construction of machine learning models
- Tuning of hyperparameters of each model
- Evaluation of models
- Selection of the best model

Project Manager: Mr. Amirreza Tajally

- **Analysis and classification of startup companies from the perspective of productivity**

100 Startups

April 2021

Performed tasks:

- Data pre-processing
- Selection of superior features
- Construction of machine learning models
- Tuning of hyperparameters of each model
- Evaluation of models
- Selection of the best model

Project Manager: Mr. Amirreza Tajally

- **Trainer of the Technical and Vocational Training Organization (TVTO)**

Private Educational Institutes of the TVTO in Isfahan Province

March 2015 - February 2020

Performed tasks:

- Teaching Computer Skills
- Teaching Robotics Skills