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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 ( <i>Word, Excel, Access, PowerPoint</i> )			
ICDL2 ( <i>Basic concepts of IT, Windows, Internet</i> )			

## 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
- **Lecturer**  
Tehran Data  
Jul 2024 - Present
- **Co-Founder**  
Hamkarane | همکارانه  
Dec 2024 - Apr 2025
- **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

	Artificial Intelligence Product Management
	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