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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

- **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 هوش‌شریف) - 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

BEST	Artificial Intelligence Product Management
M	Applied Text Mining in Python
DeepLearning.AI	Natural Language Processing in TensorFlow
DeepLearning.AI	Convolutional Neural Networks in TensorFlow
DeepLearning.AI	Introduction to TensorFlow
DeepLearning.AI	Neural Networks and Deep Learning
	Data Science Professional
diginext	Time-series with Python
kaggle	Intermediate Machine Learning
kaggle	Intro to Machine Learning
kaggle	Python
coursera	Machine Learning with Python
coursera	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