

# MARYAM TAHERI

GOLPAYGANI



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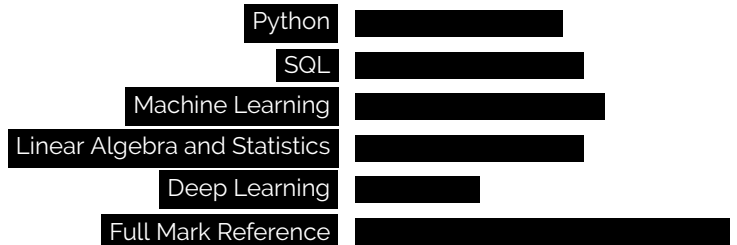
maryamtaherig.me

@maryamtaherig

## Data Scientist

### WHO AM I?

Fast learner data scientist with experience of working with machine learning methods on different projects. Good in teamwork, and social interactions. Enjoy challenging myself in urgent situations and being responsible for duties.



### EXPERIENCES

December2020  
April2021

#### Data Analyst/Scientist SnappFood

MySQL / SSRS / Python / Excel / Tableau

As a member of data analysis team, my responsibilities included but were not limited to find solutions for data related issues of other teams, create online reporting dashboards and analyse the performance of delivery service.

Autumn2016  
Spring2020

#### Lecturer and Teaching Assistant

Amirkabir university of technology (AUT) & Noshirvani university of technology (NIT)

Databases Lab at AUT in PostgreSQL connected with python,  
Data Structures at AUT, Algorithm design at NIT

### EDUCATION

2018 – 2021

#### M. Sc. Artificial Intelligence (AI)

Amirkabir University of Technology, Tehran (AUT)

Thesis subject: Image retrieval based on Statistical Modeling

Selected courses : Machine Learning, Statistical Machine Learning, Optimization, Pattern Recognition, Digital Image Processing

(Implementing machine learning algorithms from scratch in python)

2013 – 3/2018

#### B. Sc. Software Engineer

Babol Noshirvani University of Technology (NIT)

Thesis subject: To Introduce a Dimension Reduction based on Multi Objective PSO for Classification Problems

### TECHNICAL SKILLS

Programming Languages: Python / Matlab / C++ / Excel

Databases: PostgreSQL / MySql / SQLserver

Python Libraries: NLTK / Scikit-learn / Matplotlib / Numpy / Pandas / Sklearn / Tensorflow / Keras

Visualization Tools: Weka / SSRS / Tableau

## ONLINE COURSES

Dec 2018	<b>Machine Learning by Stanford University</b>	Coursera
Nov 2019	<b>Databases and SQL for Data Science with Python by IBM</b>	Coursera
Mar 2020	<b>Data Analysis with Python by IBM</b>	Coursera
May 2020	<b>Natural Language Processing by HSE University</b>	Coursera

## SELECTED PROJECTS

12/2019	<b>Triangle Generalized Preferential Attachment</b>	<b>Complex Networks Project</b>
	Implementing two state of the art graph representation models for complex networks in real world (TGPA i and TGPA ii). Numpy / Networkx / Scipy / Matplotlib	
5/2020	<b>Car Price Prediction</b>	<b>Data Visualization IBM course @Coursera</b>
	A warm-up project for using numpy and pandas libraries, and their functionalities for predicting car prices based on a UCI dataset; also it is used to analyse and model clean data, and plot different graphs. Numpy / Pandas / Seaborn / Matplotlib / Sklearn	
7/2020	<b>Spam Text Message Detection</b>	<b>Self-Made Project</b>
	A text classification project using Kaggle dataset with Naive Bayes and SVM models for training, with 98% accuracy. Pandas / Numpy / sklearn / Tfidf-Vectorize	
10/2020	<b>Sentiment Analysis with LSTM (RNN)</b>	<b>Self-Made Project</b>
	A four-layers LSTM model fitting on an Amazon review dataset, with 94% accuracy. Tensorflow / Keras / sklearn	

## ADDITIONAL INFORMATION

### LANGUAGES

**Farsi** - Native

**English** - Fluent

**French** - Elementary