

## ABOUT ME

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### Business Intelligence Analyst | Engineer

As a Senior Business Intelligence Analyst, I leverage data science and visualization skills to deliver actionable insights and recommendations to improve business performance and revenue. I have over four years of experience in managing ETL processes, creating dashboards and reports, developing predictive machine learning models, and performing various types of analyses using Python, Tableau, SQL, Snowflake, AWS, and other tools.

My passion for data analysis and problem-solving started as a Chemical Engineer and evolved into Data Science. I enjoy learning new technologies and applying them to different use cases. I also have a certificate in Data Science and Visualization from UC San Diego Extension and multiple courses. I am proficient in English and Persian, and I have experience in teaching data science concepts and skills as a Teaching Assistant at UCSD Extension.

## TECHNICAL SKILLS

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Python, JavaScript, SQL, Snowflake, HTML/CSS, Tableau, Dashboarding, Statistical Modeling, Predictive Modeling, Machine Learning, Data Mining, Data Engineering, AWS, Excel.

## PROFESSIONAL EXPERIENCE

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### DFO Global Performance Commerce | San Diego – United State

#### Senior Business Intelligence Analyst

Apr 2021- Present

- Creating and maintaining data warehouse on Snowflake
- Creating automated data pipeline using AWS lambda
- Maintaining and monitoring Tableau and Matillion server on AWS
- Managing ETL processes and pipeline
- Developing predictive machine learning models (i.e. inventory forecasting, product recommendation)
- Creating fully automated integrations between different platforms

#### Business Intelligence Analyst

Apr 2019- Mar 2021

- Creating and maintaining data sources that integrated a variety of disparate APIs and databases
- Effectively visualizing the right data, to the right group of people. From that, making executive recommendations based on various analyses
- Running different types of analyses (i.e. regression, moving averages) and creating forecasting reports based on sales data
- Managing ETL processes and integration pipelines using
- Performing standard data visualization tasks in Tableau
- Developing predictive machine learning models

#### Business Analyst Intern

Jan 2019- Mar 2019

- Communicating data to non-technical business users; assisting in ad hoc queries where necessary
- Gathering requirements and preliminary qualitative analysis for a variety of projects
- Managing ETL processes and reporting
- Performing standard data visualization tasks in Tableau

### UC San Diego Extension | San Diego – United State

Jan 2019- Present

#### Data Science Teaching Assistant

- Covering advanced Excel & VBA, Python, NumPy, Pandas, Matplotlib, MySQL, MongoDB, JavaScript, D3.js, Tableau, Spark, Machine Learning & R.

### Atlantic & Pacific Management | San Diego – United State

Oct 2015- Dec 2018

#### Data Analyst - Assistant Manager

- Design or create queries to extract property data and runs the report.
- Analyze data, find trend, create visualization and present findings to management team to improve sales.

- Work with management team to set new strategies based on findings.

### Achievements

- Promoted to an assistant manager
- Met and exceeded sales goal every month

## Eshareh Advertising Agency | Tehran - Iran

Feb 2012-Aug 2014

### Data Analyst

- Collected, stored, queried, validated and analyzed the data.
- Created visualization and presented finding to the team.
- Identified patterns and trends in data sets.
- Defined new data collection and analysis processes.

## PROJECTS

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### World Happiness:

- A Python Flask app representing world happiness from 2015-2017 using D3.js - Plotly.js and AnyChart.js to create visualization. Skills: Python, Flask, SQL, SQLAlchemy, HTML, CSS, Bootstrap, JavaScript, Heroku

### Mission to Mars:

- A web page to display mars information scraped from various sources, using Splinter, BeautifulSoup and MongoDB database. Skills: Python, Flask, Jupyter Notebook, MongoDB, PyMongo, Pandas, Splinter, BeautifulSoup, HTML, CSS, Bootstrap, Heroku

### Weather Analysis:

- A web page display analysis of the weather across the world based on proximity to the equator using Matplotlib to create visualization. Skills: Python, Pandas, NumPy, OpenWeather API, Matplotlib, HTML, CSS, Bootstrap

### San Diego 311 Calls:

- Analysis of San Diego 311 calls using data from City of San Diego, US Census Bureau and Matplotlib, Gmaps to create visualization. Skills: Python, Jupyter Notebook, Pandas, SciPy, NumPy, Geocoding API, Gmaps, Regex

## EDUCATION

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### UC San Diego Extension

2018-2019

### Certificate, The Data Science and Visualization Boot Camp

Gain proficiencies on a host of marketable technologies like Excel, Python, JavaScript, SQL Databases, Tableau, Machine Learning and more.

### Ferdowsi University of Mashhad

### Bachelor of Engineering (B.Eng.) Chemical Engineering

2007-2012

### Relevant Projects:

Optimization of Molecular Dynamics of The Adsorption Process with GA Method |  
The Adsorption Process | Different isotherms | GCMC Method | Monte Carlo Simulation |  
Research About Sulfur Recovery Unit (SRU)

## CERTIFICATES

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### Coursera

- [Programming for Everybody \(Getting Started with Python\)](#)
- [Python Data Structures](#)
- [DataRobot Essentials](#)
- [DataRobot Deeper Dive](#)