

Navid Mashinchi

Data Scientist

+ Personal Info

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GitHub
https://github.com/navido89

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+ Skills

- Data Science:** Python, R, scikit-learn, Pandas, NumPy, Seaborn, Matplotlib
- Databases:** *SQL, MongoDB*
- Web Development:** JavaScript, HTML 5, CSS3, Bootstrap, Node.JS, Heroku, Jasmine.
- Others:** GitHub, Git, SportsCode, Hudl, SoccerLab, Coach Paint, Sketch.
- Personal Skills:** Disciplined, responsible, highly motivated with the ability to work individually or within a team environment.

+ Languages

English

Native or bilingual proficiency

German

Native or bilingual proficiency

Farsi

Professional working proficiency

+ Blogs

- 12/2020

California Data Science Job Market Analysis
- 11/2020

An Examination of Fatal Force by Police in the US
- 09/2020

Predicting number of Covid19 deaths using Time Series Analysis (ARIMA MODEL)

+ Education

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| present | University of Denver - Master's In Data Science <ul style="list-style-type: none">Anticipated graduation date: August 2021GPA: 3.90Relevant Courses: DS Mathematics 1 & 2, DS Statistics 1 & 2, Database Organization & Management I, Algorithms, DS Tools 1, Machine Learning. |
| 08/2019 | Bloc - Full Stack Web Development Certification <ul style="list-style-type: none">Modules included:Front-End & Back-End Fundamentals, Front-End Frameworks, Computer Science Fundamentals & Server-Side JS with Node.js. |
| 12/2015 | University of British Columbia - Bachelor Of Commerce <ul style="list-style-type: none">Specialization: Accounting |

+ Experience

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| 11/2020 - present | Student Ambassador Data Science Master's Program <i>University of Denver</i> <ul style="list-style-type: none">Speak to prospective students via phone or in the virtual classroom.Participate in prospective student panel webinars, round tables and PR opportunities. |
| 01/2015 - 02/2018 | Performance Analyst <i>Vancouver Whitecaps FC</i> <ul style="list-style-type: none">Attained the MLS playoffs in 2015, 2017, win the 2015 Amway Canadian Championship and advance to the 2017 Concacaf Champions league semi-final, by providing in depth analytical reports on the opposition to the MLS coaching staff.Led the Analysis department after losing supervisor. Managed the department during the transition phase without a drop-in output, by providing consistent analytical services to the coaching and playing staff.Improved team's set-piece goal conversion rate from 13 to 15 goals and defending set-piece goal against rate from 13 to 7 goals in the 2017 season, by designing solutions backed with the insights gathered from the opposition analysis. |
| 06/2014 - 12/2014 | Performance Analyst Internship <i>Vancouver Whitecaps FC</i> <ul style="list-style-type: none">Launched the Analysis department's first live stats application for games, by customizing a MS Excel spread sheet that streamed real-time data using Data Streamer add-in to coaching staff's electronic devices.Coordinated department's video database, by filming and organizing training sessions and games.Led a team of 3 interns and trained them on the department's operations procedures. |

+ Projects

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| 12/2020 - 12/2020 | California Data Science Job Market Analysis GitHub <i>Python Exploratory Data Analysis Problem</i> <ul style="list-style-type: none">Analyzed the current data science job market in CA.Collected data on the most recent data science job postings in CA by web scraping the indeed website using selenium.Applied matplotlib, seaborn and folium for data visualization and pandas for data cleaning purposes.Discovered that the top 5 skills in demand are Python, Machine Learning, Research, Statistics and SQL. |
| 10/2020 - 11/2020 | An Examination of Fatal Force by Police in the US GitHub <i>Python Classification & Multi Classification Problem</i> <ul style="list-style-type: none">Examined the factors that play into the horrible event of a fatal shooting by the police in the US.Cleaned the data that contained of 5700 data points, by using pandas and as feature engineered, 9 out of the total 17 variables type had to be transformed into different types.Predicted the status of mental illness, by implementing a Logistic Regression, SVC, SGD, Decision Tree and Random Forest.Improved the accuracy score by 5% by fine tuning the final model using RandomizedSearchCV. |
| 08/2020 - 09/2020 | Predicting number of Covid19 deaths using Time Series Analysis (ARIMA MODEL) GitHub <i>R Time Series Forecasting Problem</i> <ul style="list-style-type: none">Predicted the number of deaths in the US starting from August 1st – August 21st and August 1st – November 1st.Cleaned the data that was made of 34033 rows and 34 columns, by selecting the US data points.Implemented the differencing technique to make the data stationary in order to conduct a time series analysis.Applied the Augmented Dickey-Fuller Test to make sure the data is stationary and used the ARIMA model to make the projection.Forecasted 18589 deaths and CNN projected 19000 deaths between August 1st and August 21st.Forecasted 235967 deaths and CNN projected 231000 deaths between August 1st and November 1. Actual death number according to Worldometer was 236072. |