Navid Mashinchi

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SUMMARY:

Data professional with 4+ years of experience within the field of analytics. Currently an associate data scientist at Kohl's. KDnuggets Silver Blog and Streamlit New User of the Month award winner. Passionate about analyzing large sets of data and creating machine learning models to help businesses make the right decisions using data-driven decision-making. I am experienced in Python, Data Cleaning, Data Visualization, and Machine Learning.

EDUCATION & AWARDS

Master's in Data Science, University of Denver, *Denver, CO, USA*   August 2021
- GPA: 3.92/4.00
- Relevant Courses: DS Mathematics 1 & 2, DS Statistics 1 & 2, Database Organization & Management, Algorithms, DS Tools 1 & 2, Machine Learning, Data Mining, Data Visualization, Parallel and Distributed Computing for Data Science.

Full Stack Web Development Certification, Thinkful, *New York, NY, USA*   August 2019
- Modules included: Front-End & Back-End Fundamentals, Front-End Frameworks, Computer Science Fundamentals & Server-Side JS.

Bachelor of Commerce, University of British Columbia, *Vancouver, BC, Canada*   December 2015
- Specialization: Accounting

KDnuggets Silver Blog – March Award, **Award Link**   April 2021
- Earned the KDnuggets Silver Blog March award for having over 9000 views for my article: "The Portfolio Guide for Data Science Beginners".

Streamlit New User of the Month Award, **Award Link**   March 2021
- Earned the new user of the month award for my COVID-19 dashboard (web app) and articles that I shared.

SKILLS

- **Programming Languages:** Python, R, JavaScript.
- **Data Science:** Data Cleaning & Wrangling (Pandas, NumPy), Data Visualization (Matplotlib, Seaborn, Plotly, Folium, Geoplot, Ggplot2), Big Data (Spark), Statistics, Hypothesis Testing, Modeling, Interpretation.
- **Machine Learning:** Scikit-Learn, Supervised ML, Unsupervised ML, TensorFlow, Keras.
- **Databases & Others:** SQL, MongoDB, Relational Algebra, ER Modeling, GitHub, Git, Streamlit, Heroku, HTML, CSS, Node.JS.

WORK EXPERIENCE

Associate Data Scientist, Kohl's, *Remote*   September 2021 - Present

Data Science Internship, Opeeka, *Sacramento, CA, USA*   June 2021 – August 2021
- Develop a data quality dashboard by cleaning, combining, formatting, and filtering customer data utilizing SQL and Sisense for Opeeka's Person-Centered Intelligence Solution (P-CIS).
- Visualize well-being survey results using R for senior leadership to better understand well-being satisfaction levels across different domains.
- Research statistical methods for the senior data scientist on the appropriateness of the technique for future projects.

Graduate Teaching Assistant, University of Denver, Remote   June 2021 – August 2021
• Assist graduate students enrolled in Data Science Tools 1 and Data Science Tools 2 with course materials during office hours.
• Answer emails from students to ensure proper understanding of the course materials.
• Evaluate student work for both courses and record grades.

Lead Analyst, Vancouver Whitecaps FC, *Vancouver, BC, Canada*   June 2016 – February 2018
• Managed the analytics department, consisting of one full-time analyst and three interns after losing the supervisor without a drop-in output by providing consistent analytical services to the staff, players, and senior leadership resulting in reaching the MLS playoffs.
• Created 34+ analytical reports on the opposition through data collection and uncovering patterns and trends for the MLS coaching staff.
• Presented research findings to coaches weekly and wrote requested summaries detailing the department's state to senior leadership.

Assistant Analyst, Vancouver Whitecaps FC, *Vancouver, BC, Canada*   January 2015 – May 2016
• Led a team of three interns, trained them on the department's operations procedures, resulting in one full-time hire.
• Supported the department head by analyzing future opposition through statistical and video analysis.
• Collected and analyzed data on prospective incoming players to help the club make better decisions on player acquisitions.

Performance Analyst Internship, Vancouver Whitecaps FC, *Vancouver, BC, Canada*   June 2014 – December 2014
• Launched a live stats application by developing an MS Excel spreadsheet that streamed real-time data to the coaches electronic devices.
• Oversaw the club's video database by managing, filming, sharing training and game footages to 100+ employees.

PROJECTS

The Current State of COVID-19 From 3 Different Perspectives | [App](App)   February 2021 – March 2021
• Developed a real-time dashboard to analyze the state of COVID-19 from three perspectives (Globally, WHO Regions, and the US).
• Applied Pandas and NumPy on 11 different data frames for data cleaning and wrangling purposes to update the data.
• Created advanced visualizations (Plotly, Folium) and published the dashboard using Streamlit.

An Examination of Fatal Force by Police in the United States | GitHub   October 2020 – November 2020
• Examined the factors that play into the horrible event of a fatal shooting by the US police.
• Predicted mental illness status by implementing a Logistic Regression, SVC, SGD, Decision Tree, and Random Forest.
• Improved the accuracy score from 72% to 77% by fine-tuning the final model using RandomizedSearchCV.

Predicting number of COVID-19 deaths using Time Series Analysis | GitHub   August 2020 – September 2020
• Predicted the number of deaths in the US starting from August 1 – August 21 and August 1 – November 1.
• Implemented the differencing technique to make the data stationary to conduct a time series analysis using the ARIMA model.
• Forecasted 18589 deaths, and CNN projected 19000 deaths between August 1 and August 21.
• Forecasted 235967 deaths, and CNN projected 231000 deaths between August 1 and November 1. The actual death number, according to Worldometer, was 236072.

VOLUNTEER EXPERIENCE

Student Ambassador Data Science Master's Program, Remote   November 2020 – August 2021
• Speak to prospective students and participate in student panel webinars, round tables, and in PR opportunities.