

Varun Nadgir

Data Scientist | Data Analyst | Data Engineer

I am a problem solver skilled in SQL, Python, R, and Excel, with experience using various machine learning and data visualization packages to clean, analyze, and present data. As a previous math tutor, I am comfortable with public speaking and giving presentations, and I strive to make the data understandable for all levels of knowledge. My interests are in machine learning and data visualizations.

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SKILLS

SQL MS SQL Server Database Management Python pandas scikit-learn NumPy SciPy R Matplotlib
ggplot2 Machine Learning Regression Clustering Classification Reporting Data Visualization Data Wrangling

WORK EXPERIENCE

Associate, Operations & IT

Beacon Pointe Wealth Advisors

02/2019 - 04/2020

Waltham, MA

Achievements/Tasks

- Maintained and audited database of ~24,000 active accounts, with 30-50 new accounts feeding in daily, amounting to ~\$11B AUM.
- Created on-demand reports for internal operations, and modified financial reports to meet advisors' needs and reconcile account performance.
- Provided IT support to over 160 employees across 10+ partner offices nationwide (with occasional travel).

Contact: Mark Mathers - Managing Director

Analyst

Findability Sciences

10/2015 - 02/2017

Remote

Achievements/Tasks

- Wrote SQL queries needed to populate back-end database in Microsoft SQL Server, while also performing daily data cleaning to account for changes in company policies, naming schema, and potential errors.
- Helped clients visualize their donor behaviors by developing and updating an online UI, increasing donor retention by about 15% in the first year of the 3-year project.

Instructor

iGradeEdu

04/2015 - 02/2017

Remote

Achievements/Tasks

- Prepared online mathematics lessons for students ranging from 4th to 10th grade.
- Organized an online tournament with multiple high schools participating remotely.
- Adhered to a strict preparation schedule, and worked on presentation skills necessary for explaining concepts to those unfamiliar with a particular subject.

EDUCATION

BS Mathematics

University of Massachusetts, Amherst

Amherst, MA

PERSONAL PROJECTS

Esports Statistics: League of Legends (2018) [🔗](#)

- Studied the behaviors of professional teams/players to explore what strategies are more successful than others, using Python libraries such as pandas, numpy, scipy, and matplotlib
- Built a logistic regression model to predict the outcome of a match

Musical Analysis of 10,000 Songs (2018) [🔗](#)

- Used scikit-learn to cluster artists/songs based on characteristics such as key signature, time signature, and duration, among other features
- Analyzed the word frequency of artist names/album titles/song titles per genre to identify their most common terms

Improving the Services of The College Scorecard (2017) [🔗](#)

- Employed linear regression models and clustering algorithms to build cost prediction and college recommendation tools using R