

Varun Nadgir

Data Scientist

Experienced problem solver with a degree in Mathematics and a background in data science and analytics. Skilled in extracting, transforming, and loading data, as well as writing reports and giving detailed presentations on analysis.



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WORK EXPERIENCE

Analyst

Findability Sciences

10/2015 – 02/2017

- Studied large client relational database of sensitive medical data and wrote the SQL queries needed to populate back-end database in Microsoft SQL Server, while also performing occasional 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, and our client had reported increased donor retention by about 15% in the first year of the 3-year project
- Prepared cron jobs, reviewed logs, and ran bug tests to ensure version quality
- Coordinated with clients and our developers across opposite time-zones, requiring a strong understanding of our project goals and clients' needs

Instructor

iGradeEdu

04/2015 – 02/2017

- Prepared online mathematics lessons for students ranging from 4th to 10th grade
- Organized an online tournament with multiple high schools participating remotely
- Worked on presentation skills necessary for explaining concepts to those unfamiliar with a certain subject
- Helped to manage a startup project in a team environment

EDUCATION

BS Mathematics

University of Massachusetts, Amherst

2015

Amherst, MA

Courses

- Multivariable Calculus
- Differential Equations
- Statistics
- Scientific Computing
- Intro Linear Algebra
- Intro Discrete Structures
- Theory of Numbers
- Geometry I & II

SKILLS

Reports / Presentations



SQL



Python



R



HTML / JS



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

CERTIFICATES

Data Science Career Track (2018)

Springboard

Introduction to Data Science (2017)

Springboard

Big Data and Social Analytics (2016)

MIT (Online with GetSmarter)

INTERESTS

Guitar

Piano

Music Composition

Gaming