

Ramadharsh Vanchinathan

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Summary

Data Scientist with 3+ years of academic experience and 2+ years in the medical industry. Proven ability to use data to solve business problems. Proficiency in machine learning, data visualization, and statistical analysis. Strong communication, collaboration and team skills.

Skills

- Programming Languages: Python, R, SQL, Pandas, Numpy
- Machine Learning: Scikit-learn, PyTorch, Data Cleaning, Feature Engineering, EDA
- Data Visualization: PowerBI, Matplotlib, Seaborns
- Statistical Analysis: Hypothesis testing, ANOVA

Experience

IT Specialist, Johns Hopkins University, MD Jan 2022 - Present

- Data Focused Role with a focus on ETL, data analysis, and actionable insights.
- Implemented an automated Python program to load data into SQL servers from excel files for recurrent extracts. This was previously a manual process.
- Provided support for stakeholders with data access, analysis and accuracy.
- Developed multiple SQL processes to provide data to decision makers in the organization.
- Developed and maintained PowerBI Dashboards for stakeholders to make informed decisions based on insight.

Director of Operations, University of Houston CougarCS, TX July - Dec 2021

- Organized and Executed in-person and hybrid events.
- Developed core event procedure to market, plan, prepare, execute, breakdown, and debrief every event while abiding by local COVID-19 regulations.
- Recruited and managed a team of 5 and worked to ensure learning, growth and efficacy.

Education

Bachelor of Science in Data Science University of Houston-Downtown, Houston, TX Aug 2019 - Dec 2021

- Dean's List, 2020 - 2021
- Minor in Mathematics and Statistics