

SATHISH PRASAD V T

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EDUCATION

DUKE UNIVERSITY, The Fuqua School of Business

Durham, North Carolina

Master of Science in Quantitative Management: Business Analytics, Strategy Track

May 2024

Exp Grad: 05/2024

CGPA: 3.58/4

Data Science Coursework: Data Science for Business, Decision Analytics & Modelling, Data Visualization.

Domain Coursework: Data Infrastructure, Empirical Economic Analysis, Strategic Management, People Analytics and Operation Analytics.

SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING

Chennai, India

Bachelor of Engineering in Computer Science and Engineering

June 2022

CGPA: 8.08/10

Relevant Coursework: Database Management Systems, Introduction to Machine Learning, Data Warehousing and Data Mining, Artificial Intelligence, Management, and Ethical Practices.

WORK EXPERIENCE

RONNIE DOG MEDIA, TOTAL FOOTBALL ANALYSIS

Belgium, (Remote)

Freelance Head of Data Analysis

May 2020 – Present

- **Utilize** player performance data analysis to shape scouting decisions, and conducted data visualization on players, facilitating swift and informed decision-making for benefit of team members.
- **Conduct** player recruitment analysis for client clubs, assembling teams with impressive results.
- **Establish** new data analysis tools, improve quality of content and client reports, resulting in increase of website membership and clients for consultancy.

TOUCHLINE ANALYTICS

London, (Remote)

Freelance Analytics Consultant

Mar 2021 – Present

- **Build** customized tableau dashboards for clients across globe to help enhance performance.
- **Improve** existing dashboards to benefit clients; Integrate data with Tableau leveraging SQL and Snowflake and convert API data into easily understandable data frames using python scripts.
- **Build** different types of dashboards for clients, helping in extending contracts by a year to further seek service.

PROJECTS

Customer Sentiment Analysis using LangChain and OpenAI – [Demo Link](#)

Oct 2023 – Present

- **Applied** LangChain and OpenAI to perform customer sentiment analysis, with a focus on McDonald's customer reviews.
- **Customized** training prompts were tailored to elicit insights from dataset, enabling development and fine-tuning of a generative AI model.
- **Efficiently** derived actionable insights from customer reviews, unveiling concealed data patterns using generative AI model.
- **Enhancing** model at present to instantly generate reports with visualizations in response to ad hoc requests from managers.

Predictive Analysis of Diabetes Patient Readmission – [Project Link](#)

Oct 2023 – Oct 2023

- **Addressed** need to predict probability of hospital readmission among diabetic patients.
- **Developed** a Python model for predictive analysis using boosting models and the Synthetic Minority Over-sampling Technique.
- **Utilized** Python to create a predictive model, employing relevant data and machine learning techniques.
- **Delivered** a robust Python model capable of estimating likelihood of diabetic patient readmission with 94% accuracy.

SKILLS

IT Skills: Python, R, Modelling, Tableau, MS Excel, Selenium, Data visualization, C, SQL, Snowflake, Git

Soft Skills: Critical thinking, Problem-Solving, Curiosity and Learning agility, Resilience, Time Management

Certifications: IBM-Python for Data Science (Coursera, 2019), AI and Machine learning (Coursera, 2019), IBM- Databases and SQL for Data Science (Coursera, 2019), IBM-Data Visualization and Analysis with Python (Coursera, 2019)

KEY ACCOMPLISHMENTS

- **Developed** data analysis tools lead to an 18% website membership increase and attracting 5 new consultancy clients.
- **Secured** the 36th rank out of 150+ participants in the Humana-Mays Healthcare Analytics Competition, showcasing the development of an effective predictive model for early cancer patient treatment dropout detection using Python.