

Sreerag Mahadevan Cheeroth

(240) 879-8093 • College Park, MD 20740 • smahade1@umd.edu • [Linkedin](#) • [Tableau Profile](#)

EDUCATION

University of Maryland, Robert H. Smith School of Business

College Park, MD, USA

Master of Science in Business Analytics, GPA 3.47

December 2023

Data Analysis in Python, Database Management Systems, Business Process Analysis, Price optimization, Data Mining, Big Data, Predictive Analytics, Data Models and Decisions, Artificial Intelligence, Data Visualization, Operation Analytics

Manipal Academy of Higher Education, Manipal Institute of Technology

Manipal, Karnataka, India

Bachelor of Technology in Mechanical Engineering, GPA 3.14

May 2021

SKILLS & INTEREST

Skills: Python | SQL | R | Tableau | Excel | PowerBI | Lucidchart | AWS | Snowflake | Databricks | Office Apps (Word, PowerPoint) | Quantitative Analysis | Machine Learning | NLP | Business Intelligence | Leadership | Project Management | Teamwork | Public Speaking | Report Writing |

Interests: Data Science, Business Analytics, AI Development, Cloud Computing, Data Visualization

WORK EXPERIENCE

Master's Programs Office

College Park, MD, USA

Business Analyst

June 2023 – December 2023

- Planned, implemented, and managed an automated data process to generate student records using **Python**.
- Achieved a 99.8% reduction in administration process time significantly boosting staff efficiency and productivity.
- Trained an **NLP** model to determine text sentiment from student feedback with an accuracy of 84%.
- Extract data from **focus group** discussions and develop recommendations to improve business events for graduate students.
- Communicated insights to both technical and non-technical **stakeholders** using actionable **tableau dashboards** driving student satisfaction up by 18%.

KPMG

Bangalore, Karnataka, India

Audit Team Lead

December 2021 – July 2022

Travel and Expense Audit

- Led a diverse team in conducting comprehensive audits for a major US data service company, delivering effective solutions to improve **business processes**.
- Maintained communication with the **Internal audit** team throughout the development and implementation cycle of the solutions.
- Managed monthly expense audits across AMS, APAC, and EMEA regions, ensuring compliance through effective **KPI** analysis and reporting.
- Managed teamwork and provided supervision and direction, organized KT sessions for new team members.

KPMG

Bangalore, Karnataka, India

IT analyst

January 2021 – July 2022

Quarterly IT Audit

- Performed **data governance** audits (ISO 27001, NIST CSF) for 9 Offshore Work Centers with a team consisting of 16 members. Led responsibility of testing 5 of 9 OWCs over a period of 4 weeks.
- Worked with middle to senior management within a function to facilitate the identification and resolution of risk issues in the **Information Management System**. Consolidated **report** generation to encapsulate over 120+ tests conducted over the span of 72hrs.

PROJECT EXPERIENCE

Vodka Sales- Total Wines & More

August 2023 – December 2023

- Drafted business objectives (BRD, FRD) to outline project scope aligning stakeholder expectations and technical capabilities.
- Analyzed seasonality and identified price bands and substitute items in a 5,000-item inventory for Total Wines & more.
- Established **targeted marketing** and optimized inventory strategies.
- Utilized **XGBoost**, **LSTM** and **Linear regression** methods to develop prediction models with 80% accuracy.

NLP with Disaster Tweets

February 2023 – March 2023

- Engineered an **NLP** model achieving 83.6% accuracy in classifying real-time disaster tweets.
- Utilizing advanced machine learning techniques such as **TensorFlow** and **PyTorch**.
- Enhanced model performance through rigorous preprocessing and feature extraction on a 10,000-tweet dataset.
- Improved validation accuracy to 81.6% by optimizing the learning rate, ensuring model stability and efficiency.

LEADERSHIP EXPERIENCE

AIESEC, Core Committee Vice President

January 2019 – December 2019

- Spearheaded operational strategy and execution for the local committee, leading a diverse team of 20+ members to facilitate international exchange programs, resulting in a 40% growth in global placements and overall retainment.

DISTINCTIONS

- Patented design for staircase adaptive mobility device to assist individuals in need of mobility support.
- Hosted and Won several Regional and National E-sports competitions. (CSGO, Valorant)