

Aryan Siddhabathula

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EDUCATION -

- **Rutgers University - Camden**, Masters in Data Science [September 2023 - May 2025]
- **Gandhi Institute of Technology and Management - India** [June 2019 - June 2023]
Bachelors in Technology, Computer Science, **GPA: 9.1/10 (4.0)**

RESEARCH - "Solitary Identification and analysis of considerate Nutritional Consumption"

- Presented research findings at the NCRIMA on Artificial Intelligence, Data Science 2023.
- Conducted comprehensive data analysis and visualization of primary crop production data from various countries, evaluating the correlation between agricultural practices and carbon emissions, shedding light on sustainability concerns.
- Developed a robust age prediction model utilizing Convolutional Neural Networks (CNN) and computer vision techniques, which incorporated chronological aging and photoaging factors to predict individuals' ages accurately.
- Leveraged computer vision to detect height and predict weight, allowing for the calculation of the Body Mass Index (BMI) and identification of malnutrition risk, thereby contributing to holistic understanding of the nutritional consumption landscape

EXPERIENCE -

Phoenix Global - Data Analytics Engineer

Hyderabad, India [May 2022 - July 2023]

- Analyzed user behavior within the app using SQL queries and IBM SPSS Statistics tools, providing insights that led to a 10% increase in user engagement.
- Led A/B testing initiatives using Python, and IBM SPSS Statistics to optimize in-app features, resulting in a 12% improvement in user retention.
- Monitored app load times using IBM SPSS Statistics, in combination with Firebase for in-depth app performance analysis and presented through visually appealing dashboards created with HoloViews, and Bokeh, reducing average load time by 20%.

DevTown - Time Series Analyst.

Visakhapatnam, India [August 2020 - October 2020]

- Leveraged RNN models to forecast and analyze time series data, contributing to more accurate predictions and insights into complex temporal patterns.
- Employed Scikit-Learn to create predictive models, implementing techniques such as regression and classification for time series analysis, enabling data-driven decision-making.
- Created informative and visually compelling time series plots and charts using Pandas, Seaborn, and Matplotlib, improving data clarity and aiding in effective communication of analysis results.

PROJECTS -

- Goldman-Sachs-Stock-Data-Analysis-LSTM-Prediction-Model
- JPMorgan-EPI-Analysis
- Fraud Detection Analysis

SKILLS & CERTIFICATIONS -

- **Programming Languages:** Python, R Programming, SQL, Database Management Systems.
- **Data Analytics, Machine Learning, Deep Learning, Computer Vision.**
- **Certifications:**
Data Analysis with Python (IBM), Data Analysis with R Programming (Google), Database Management Essentials, Artificial Intelligence (IBM), Mathematical Thinking in Computer Science, International Leader and Organizational Behavior, Ask Questions to make Data Driven Decisions (Google).

LEADERSHIP & AFFILIATIONS -

Public Speaking, Gitam Kalakriti

[September 2019 – January 2023]

- Facilitated workshops to educate the public about real life issues.
- Planned successful art exhibitions, events and workshops, increased public engagement.

Social Events - Swatch Bharat: Clean India Mission, Afforestation - (NSS Gitam), No Violence against Women.