

Sahaya Jeon Ronaldo

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PROFILE

Detail-oriented Data Analyst with expertise in statistical analysis, predictive modeling, and data visualization. Proficient in Python, SQL, and Tableau with hands-on experience in customer analytics and recommendation systems. Strong ability to derive actionable insights from data to support business decisions.

EDUCATION

CHRIST (Deemed to be University) <i>Master of Data Science, 60%</i>	Bangalore, Karnataka <i>July 2023 – Present</i>
Loyola College (Affiliated to Madras University) <i>Bachelor of Science, in Mathematics, 79.06%</i>	Chennai, Tamilnadu <i>July 2020 – May 2023</i>

PROJECTS

Customer Analytics in FMCG Industry | *Clustering, PCA, Predictive Modeling* [Source Code](#) | [Demo](#)

- Analyzed customer purchasing behavior using clustering techniques and Principal Component Analysis (PCA) for segmentation.
- Developed predictive models, improving brand choice prediction accuracy by 15% and assessing promotional effectiveness.
- Provided data-driven insights into customer buying patterns, leading to targeted marketing strategies.

Legal Argument Generation Using LLM

- Developed an AI-based solution using Large Language Models (LLMs) to assist junior lawyers in navigating complex legal scenarios, particularly for domestic violence cases.
- The system generates concise case summaries, well-structured legal arguments, and provides precise references to legal articles and sections.

Predicting Autism Spectrum Disorder (ASD) | *SVM, KNN, Random Forest, Scikit Learn* [Source Code](#)

- Built predictive models using Decision Trees, SVMs, and Neural Networks to identify ASD based on demographic, behavioral, and diagnostic data.
- Employed feature selection and engineering techniques to improve model accuracy and efficiency.
- Demonstrated the potential of machine learning in advancing early detection and intervention strategies for ASD.

CERTIFICATIONS

Certification on Python For Data Science in Infosys - 2023
Machine Learning with Scikit learn in Infosys
Statistics For Data Science (University Of London)

LEADERSHIP EXPERIENCE

Department Secretary <i>Department of Mathematics, Loyola College, Chennai</i>	2022-2023
Hospitality Team Lead <i>Expectations, Christ University, Bangalore</i>	November 2023

TECHNICAL & SOFT SKILLS

Programming Languages: Python, Java
Data Analysis: Excel, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Mathematical and Statistical Analysis.
Data Visualization Tools: Tableau, Power BI
Database : MongoDB, MySQL
Web Development: HTML, CSS, JavaScript
Soft Skills: Problem Solving, Teamwork, Communication, Leadership, Project Documentation, Time Management
Other: Git, LaTeX, PowerPoint