

J.Acinta Sofiya

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✔ Objective

Highly motivated candidate passionate about using data to enhance business performance and customer experience. Skilled in leveraging data for actionable solutions and data visualization for meaningful insights. Strong technical aptitude with expertise in programming, data analytics, and visualization.

✔ Experience

- Retech Solutions** January 2024 - February 2024
Artificial intelligence Intern
Contributed to open-source AI projects, fostering community collaboration and gaining exposure to new ideas and techniques. Enhanced AI algorithms with machine learning and data analysis methods.
- Infinity Cosmos Technologies** February 2024 - February 2024
Website Developer Intern
Optimised website performance with efficient coding practices. Provided ongoing website maintenance, ensuring optimal performance.

✔ Education

- Jeppiaar Engineering College, Chennai** 2021-2025
B.E. in Computer Science Engineering
CGPA - 8.27
- Velammal Vidhyashram** 2021
12th standard
90.8%
- Maharishi Vidhya Mandir** 2019
10th standard
93.6%

✔ Skills

- Statistics
- Python
- Sql
- Supervised Machine learning
- Support Vector Machines
- Data Analysis

✔ Projects

- Stay Alert Classification Problem**
In the "Stay Alert" project, an innovative system was developed to mitigate risks of drowsiness and fatigue in real-time scenarios. Through rigorous experimentation, XGBoost was identified as the optimal modeling technique, achieving superior performance in detecting alertness levels.
- Loan Status Prediction**
Developed a machine learning model to predict loan application status using various applicant attributes. Explored Logistic Regression, Decision Trees, and Support Vector Machines, with Logistic Regression proving most effective.
- Vaccine Effect Prediction**
Created a logistic regression model to assess vaccine effectiveness using historical data. Identified key factors influencing efficacy and provided insights for healthcare decisions.

✔ Languages

- English
- Tamil