# Sathiya Suriya B

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# Profile Summary

Motivated and detail-oriented Data Science enthusiast with a background in Physics and a recently completed industry-recognized Data Science certification. Proficient in Python, SQL, and machine learning techniques, with hands-on experience in data preprocessing, analysis, visualization, and model building. Strong analytical skills combined with a passion for extracting insights from data. Seeking an entry-level role in a growth-driven organization where I can apply my skills.

# Education

* Data Science Certification Program, DataMites Institution, 2025.
* Bachelor of Science (Physics), Bishop Heber College, 2022.

# Experience

* Data Science Consultant at Rubixe – 7 Months(internship).

# Projects

1. Portugese Bank – To promote the term deposit among the existing customers

- Complete Analysis on the given data and find the Insights.

- Created a predictive model to find which customers buy the product.

- Suggestions to the bank market team to make the customers buy the product.

2. Salary Prediction – To predict the salary of the employees in state Texas.

- Complete Analysis on the given data and find the Insights.

- Created a predictive model to know the payroll information of employees.

3. Flight Price Prediction – To predict the ticket price of multiple airlines

- Complete Analysis on the given data and find the Insights.

- Created a predictive model to help customers to predict future flight prices.

4. Heart Disease Prediction – To predict the potential heart disease patients

- Complete Analysis on the given data and find the Insights.

- Created a predictive model to find the potential heart disease patients from list.

- Suggestions to hospital regarding the prevention of life threats to patients.

5. Sales Effectiveness on product sales – To predict whether a particular product has High Potential or Low Potential.

- Complete Analysis on the given data and find the Insights.

- Created a predictive model to find which product has high potential and low potential.

- Suggestions to the bank market team to make the customers buy the product.

# Technical Skills

* Programming Languages: Python, SQL
* Libraries & Tools: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
* Database: MySQL
* Other Applications: MS Excel, Jupyter Notebook, Power BI, GitHub.

# Core Competencies

* Domain Analysis
* Exploratory Data Analysis (EDA)
* Data Cleaning & Preprocessing
* Feature Engineering and Feature Selection
* Predictive Model Creation
* Data Visualization

# Soft Skills

* Analytical Thinking
* Problem-Solving
* Attention to Detail
* Team Collaboration
* Good Communication
* Time management

# Certifications

1. Data Science Certification – DataMites Institution, 2025
2. Typewriting English (Senior Level), 2023

# Languages

* English: Fluent
* Tamil: Fluent