

SUDAKAR MUTHUSAMY

Aspiring Data Scientist

+91 9994615068 | [LinkedIn](#) | [GitHub](#) | sudakarmuthusamy@gmail.com

ABOUT:

An aspiring Data Scientist with a Post-Graduation in Machine Learning and Artificial Intelligence from Imarticus Learning. Interested in pursuing a career in Data Analyst, Data science and Business Analytics with the ability to identify the fine points of data. Well versed in data exploration, statistical analysis and data visualization techniques. Additionally skilled in leadership, public speaking, problem-solving, and decision making. Looking forward to utilizing these skills in the relevant Organization and make a meaningful impact in solving real-world problems contribute to growth of our company.



EDUCATION:

2023 - 2024 **Imarticus Learning**

- Post-Graduation in
 - Excel
 - SQL Programming
 - Data Science with Python
 - Statistics Fundamentals
 - Machine Learning
 - Data Visualization with Tableau, Power BI

Bengaluru, India

2015 - 2019 **Panimalar Engineering College**

- Bachelor of Engineering in Mechanical (CGPA: 7.72)

Chennai, India

CAPSTONE PROJECTS:

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|-------------------|---|
| Project Title: | "Classification Project on CUSTOMER CHURN by using Machine Learning " |
| Project Outcomes: | <ul style="list-style-type: none">• Cleansed and pre-processed 7000 rows using Numpy and Pandas in Python to prepare data for analysis and gain insights on customer, resulting in a 25% reduction in data processing time.• Developed a Machine Learning classification model to predict customer churn with 82% accuracy, enhancing the ability to identify at-risk customers.• Used model insights to suggest targeted retention campaigns, potentially reducing churn by 15% and improving customer retention by 10% through personalized marketing strategies. |

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| Project Title: | " BANK LOAN ANALYSIS by using Excel , MySQL and POWER BI " |
| Project Outcomes: | <ul style="list-style-type: none">• Developed a Power BI dashboard connected to MS SQL to visualize key metrics in loan approval rates, identifying patterns that could improve approval rates by 15% through optimized criteria.• Created a Bad loan assessment model in Power BI categorizing loan applicants into risk tiers, enabling more informed lending decisions and reducing default rates by 10%.• Built an early warning system dashboard in Power BI highlighting potential default indicators, allowing for proactive management and reducing default rates by 8% |

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| Project Title: | "CAR SALES ANALYSIS by using Excel and Tableau" |
| Project Outcomes: | <ul style="list-style-type: none"> Analyzed two years of car sales data using Tableau, identifying trends that could potentially increase sales by 15% by focusing on high-demand models and peak sales periods. Developed a Tableau dashboard to visualize regional sales performance, uncovering underperforming regions and suggesting strategies that could boost sales by 10%. Created interactive dashboards for real-time monitoring of sales performance, enabling quicker decision-making and potentially improving response times to market changes. |

ACHIEVEMENTS/AWARDS:

- Got 7th place in **"ELECTRICAL-SOLAR VEHICLE CHAMPIONSHIP"** held at Bhimavaram.
- Implant Training at **NLC India Limited** on Thermal Power Plant and Power Generation using coal.

ADDITIONAL QUALIFICATIONS / CERTIFICATIONS:

- Post-Graduation in Machine Learning and Artificial Intelligence.
- Participated in the one-day Internal workshop on "Dismantling and assembly of IC engine" held at "Madras Institute of Technology".
- Participated in two-day Internal workshop on "3-d printing" held at "Panimalar Engineering college".
- Participated in the one-day internal workshop on "Advancement in IC engine" held at IITM research centre.
- Diploma in AUTOCAD.

SKILLS:

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| <ul style="list-style-type: none"> Excel Python MySQL Statistics and Probability Machine Learning Tableau Power BI | <ul style="list-style-type: none"> Problem Solving Decision Making Leadership Team Work Public Speaking Creativity Written Communication |
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PERSONAL INFORMATION:

Address: 8-258, Orambuthottam, Kurumandhur, Gobichettipalayam, Erode, Tamil Nadu – 638457

Father's Name: Muthusamy P A

Date of Birth: 13/11/1997

Languages Known: English (R/W/S), Tamil (R/W/S)

References:

- Mr. Arun Upadhyay
 - Trainer| Imarticus learning
 - +91 9819318698