Suryamani Kumar

📞 +91 7903180689

@ ksuryamani71@gmail.com

Profiles

in suryamani kumar
Linkedin

⌘ Suryamani Kumar
Github

Education

Masters in CS : AI/ML
Woolf University
2024-Present

Bachelor's of Arts in Economics
Nalanda college
2020-2023
🔗 Certificate

Skills

Programming Languages
■ ■ ■ ■ □

Python, R

Database Languages
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MySQL, PostgreSQL

Tools & Platforms
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Google Collab, Jupyter Notebook, Visual Studio Code, Power BI, Tableau, Excel, Git, FastAPI, MLflow, Flask, MlOPS

ML & Analytics Frameworks
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Pandas, NumPy, Matplotlib, Seaborn, Sci-Kit Learn, NLTK, TensorFlow, PyTorch, Deep Learning, Statics

Certifications

Full Stack Data Science & AI
Aug-2024
🔗 IIT, Guwahati

Certification in Python
March 2025
🔗 Udemy

Certification in SQL
April 2025
🔗 HackerRank

Achievement

Gold Badge in Python & SQL
🔗 HackerRank

1985 points in Python and 860 points in SQL

Interests

Chess strategy, Reading Self improvement books, Continuous learning, Sci-fi Movies

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Aspiring Data Analyst with experience in **data cleaning**, **analysis**, and **visualization**. Skilled in **statistical analysis**, **data modeling**, **model deployment**, **training**, and **evaluating** to **hyperparameter tunning** and automation. With strong communication and problem-solving skills

TRAINING EXPERIENCE

Data Science Traniee
Almabetter   **April 2024 - February 2025**

- Learnt Skills like **EDA, Data Visualization, Feature Engineering, Dashboarding** and other skills like **time management, team work, problem-solving.** Got hand-on experience with tools like **Power BI, Tableau,** and **Scikit-Learn.**
- Worked on projects like **Health insurance cross sells prediction, Analyzing customer behavior of Booking.com, Sales Analyzing of Electrotech co..** Worked on SQL case studies like **JioHotsatr and Spotify.**
- Secured a place in the **top 10%** of students in the cohort of 100 Students.

Skills: Excel, Tableau, Power BI, Supervised ML, Python, SQL, Good Communication skill, Team Wok

ACEDEMIC PROJECTS

ElectroniTech Co. : Operational Analysis: Excel   **April 2025 - May 2025**
🔗 Almabetter Verified Project

- Addressed inefficiencies in customer relations, logistics, and finance using data-driven Excel analysis to support strategic decisions.
- Utilized pivot tables, VLOOKUP, conditional formatting, data validation, DATEDIF, and custom formulas for segmentation and dynamic dashboards.
- Identified long-term high-value customers contributing $6.35M (67% of total payments), highlighting retention importance.

key words: Pivot Tables, Vlookup/ Xlookup, Data Cleaning, Advanced Excel Functions, Dashboard Creation

Travel and Hospitality Analytics: Hotel Booking Operations - Tableau   **March 2025 - April 2025**
Booking.com
🔗 Almabetter Verified Project

- Booking.com is a global e-commerce platform that allows users to book hotels, rooms, and travel services in various locations.
- The project objective is to boost hotel revenue, reduce cancellations, and enhance customer satisfaction through data insights, smart pricing, and seamless booking experiences.
- Created calculated fields, parameters, and interactive dashboards using Tableau to analyze booking trends, monitor cancellations, and optimize hotel revenue and customer satisfaction.
- The dashboard helps quickly spot booking peaks, cancellations, and top locations to make better decisions for more revenue and happier customers.

Key words: Interactive Dashboards, Data Visualization, Calculated Fields, Data Blending, Storytelling with Data

Health Insurance Cross Sell Prediction   **February 2025 - March 2025**
Max Life Health
🔗 Almabetter Verified Project

- The project predicted health insurance cross-sell opportunities by identifying likely customers, helping optimize marketing and increase revenue through targeting.
- Three models were tested—Logistic Regression, Decision Tree, and XGBoost—with XGBoost chosen for its superior ability to generalize and perform well.
- XGBoost achieved 87.8% accuracy in training and testing, showing minimal difference, indicating strong generalization and reliable predictive performance.
- XGBoost enables precise customer targeting, boosting sales, marketing ROI, retention, and overall business growth by focusing on high-potential leads effectively.

Key Words: EDA, Feature Engineering, Model Deployment, Model Evaluation, Hyperparameter Tunning, Hypothesis