

Kommana Srinivasa Rao

✉ raokommanasrinivasa@gmail.com ☎ +91 6362631252 in Kommana Srinivasa Rao

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About Me

My interest in mathematics led me to pursue JEE and join IIIT Sri City. Though I initially opted for AI & Data Science over a core branch with hesitation, I soon discovered a strong passion for this field. Skilled in Python, C++, SQL, and Machine Learning, I now aspire to become a Data Scientist, applying data-driven solutions to real-world problems.

Education

Indian Institute of Information Technology, Sri City

2023 – Present

B.Tech in Artificial Intelligence and Data Science

CGPA: 8.89

Narayana Junior College

2021 – 2023

Intermediate (11th and 12th)

Percentage: 91.2%

Projects

Bank Customer Churn Prediction using ML

- Built an interactive web app using **Streamlit** to predict customer churn with Logistic Regression, Random Forest, and XGBoost.
- Implemented preprocessing pipeline (feature scaling, categorical encoding) with real-time customer input.
- **Tech Stack:** Python, Streamlit, Scikit-learn, XGBoost, NumPy, Pandas, Git

IPL Data Analysis & Dashboard using Power BI

- Designed a single-page interactive **Power BI** dashboard for IPL data with season-wise filters and KPIs.
- Built visualizations including points table, titles by team, toss decision trends, and Player of the Match awards.
- **Tech Stack:** Power BI, Power Query (M), DAX, Data Modeling — **Dataset:** Kaggle IPL data

Voluntary Experience

Data Science Domain Lead, IOTA Club (Project Club)

Aug 2025 – Present

- Mentored junior students in Data Science projects and guided them in applying ML techniques.
- Organized workshops and hands-on sessions on Python, Data Analytics, and Machine Learning.
- Contributed to fostering a collaborative learning environment within the club.

Technical Skills

- **Programming Languages:** C, C++, Python, R, Java
- **Databases:** SQL
- **Libraries & Frameworks:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Streamlit
- **Tools:** Git, VSCode, Jupyter, Collab

Courses & Certifications

- **Advanced Learning Algorithms** – DeepLearning.AI (Coursera)
- **Supervised Machine Learning: Regression and Classification** – DeepLearning.AI (Coursera)