

Rahul C M

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PROFESSIONAL SUMMARY

Aspiring Cricket Data Analyst specializing in T20 performance analytics, player scouting models, and predictive win probability modeling using ball-by-ball datasets. Experienced in analyzing 1000+ match-level records to generate actionable insights for team strategy, squad selection, and performance optimization. Expertise in Python, SQL, statistical modeling, feature engineering, KPI development, and sports data visualization. Skilled in phasewise performance analysis (Powerplay, Middle Overs, Death Overs), strike rate optimization, bowling economy trends, expected run modeling concepts, and data-driven decision support for franchise-style environments.

TECHNICAL SKILLS

Programming: Python (Pandas, NumPy), SQL

Machine Learning: Logistic Regression, Linear Regression, Classification Models, Cross-Validation, Model Evaluation (Accuracy, Precision, Recall)

Sports Analytics: Player Performance Analysis, Win Probability Modeling, Role-Based Benchmarking, Phase wise Match Segmentation, Strike Rate Optimization, Boundary %, Dot Ball %, Economy Rate, Consistency Index, Match Simulation Concepts

Statistical Techniques: Exploratory Data Analysis (EDA), Regression Analysis, Feature Engineering, Predictive Trend Analysis, KPI Development

Visualization & BI: Tableau, Power BI, Excel (Pivot Tables, XLOOKUP, Dashboard Automation)

Databases: MySQL, MongoDB

Other Tools: Data Cleaning, Data Mining, Web Scraping

PROJECTS

Cricket Performance Analytics Dashboard – Tableau

- Analyzed 1000+ T20 match records and large-scale ball-by-ball datasets to build interactive performance dashboards.
- Designed KPIs including Strike Rate, Boundary Percentage, Dot Ball Percentage, Economy Rate, and Phase-wise Performance Metrics.
- Structured raw cricket datasets into analytical data models improving reporting efficiency and enabling dynamic player benchmarking.
- Delivered data-driven visual insights supporting squad comparison and match strategy evaluation.

Player Scouting & Performance Benchmarking Model – T20 Format

- Developed a multi-metric player evaluation framework for franchise-style squad selection.
- Built role-based benchmarking models for Top-order Batters, Finishers, and Death-over Bowlers using performance consistency metrics.
- Applied contextual segmentation (Powerplay, Middle, Death Overs) to identify situational strengths.
- Ranked players using quantitative scoring models to support objective scouting recommendations.

Cricket Win Probability Prediction – IPL Dataset

- Built Logistic Regression model to predict match outcomes using historical IPL ball-by-ball datasets.
- Engineered contextual features including Required Run Rate, Current Run Rate, Wicket Indicators, and Match Phase.
- Validated model using cross-validation techniques and classification accuracy metrics.
- Applied predictive insights to simulate match progression and decision-making scenarios.

INTERNSHIPS

Python with Data Science – Techvolt Software Pvt. Ltd., Coimbatore

Dec 2023

- Performed data preprocessing, cleaning, and exploratory analysis using Python.
- Applied statistical methods to identify patterns and generate analytical summaries.
- Built visualization reports to communicate insights effectively.

Data Analytics – Training Trains Software Technologies, Erode

Dec 2024

- Utilized SQL queries and Excel automation to improve reporting workflows.
- Developed dashboards for KPI tracking and business intelligence reporting.
- Supported structured data-driven decision making.

EDUCATION

B.Tech – Artificial Intelligence & Data Science

Excel Engineering College

CGPA: 8.14

Nov 2022 – May 2026

HSC – Govt.Higher secondary school – 2022

Percentage: 70%

SSLC - Govt.Higher secondary school – 2020

Percentage: 75.8%

CERTIFICATIONS

- Cricket Analytics Masterclass – Mad About Sports
- Data Science Foundations – Great Learning
- Cyber Security, Cloud & AI – Wipro
- Diploma in Computer Application

ACHIEVEMENTS

- 2nd Prize – Excel x Payoda Hackathon 2025 (AI-driven Chatbot Generator using MERN Stack)
- 2nd Prize – State Level Thulir Talent Test (2017, 2018)

LANGUAGES

- English (Proficient)
- Tamil (Native)
- Kannada (Native)

INTERESTS

Cricket Analytics, Sports Strategy Modeling, Performance Data Analysis