RAHULCM

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Professional Summary

Aspiring Cricket and Sports Data Analyst specializing in T20 performance analytics, player scouting frameworks, predictive modeling, and match strategy evaluation. Experienced in analysing 1000+ match-level and ball-by-ball datasets to generate data-driven insights and performance reports. Skilled in Python, SQL, Tableau, Power BI, and Excel for statistical modeling, feature engineering, KPI development, and interactive sports data visualization. Strong understanding of phase-wise match analysis (Powerplay, Middle, Death Overs), strike rate optimization, bowling economy trends, and win probability modeling to support data-driven decision making.

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, Sports Performance Metrics, Phase-wise Match Analysis, Strike Rate Optimization, Boundary Percentage, Dot Ball Percentage, Bowling Economy Rate, Consistency Index, Match Simulation Concepts, Feature Engineering
Statistical Techniques: Exploratory Data Analysis (EDA), Regression Analysis, Statistical Modeling, Predictive Trend Analysis, KPI Development
Visualization & BI: Tableau, Power BI, Advanced Excel (Pivot Tables, XLOOKUP, Dashboard Automation), Sports Data Visualization & Reporting
Databases: MySQL, MongoDB
Other Tools: Data Cleaning, Data Mining, Web Scraping, Figma

Projects

Cricket Performance Analytics Dashboard – Tableau

- Analysed 1000+ T20 match records and large-scale ball-by-ball datasets to build interactive dashboards for player benchmarking and match performance analysis.
- Designed performance KPIs including Strike Rate, Boundary Percentage, Dot Ball Percentage, Economy Rate, and Phase-wise Performance Metrics.
- Structured raw datasets into analytical data models, improving reporting efficiency and enabling dynamic performance comparison across players and roles.
- Delivered visual insights to simulate data-driven match strategy and selection decisions.

Player Scouting & Performance Benchmarking Model – T20 Format

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

Cricket Win Probability Prediction – IPL Matches

- Built a predictive win probability model using historical IPL ball-by-ball datasets.
- Engineered contextual features including Required Run Rate, Current Run Rate, Wicket Fall Indicators, and Over-wise Scoring Trends.

- Applied Logistic Regression and validated performance using accuracy metrics and cross-validation.
- Transformed match context variables into real-time probability insights for strategic match evaluation and commentary-style reporting.

Internships

Python with Data Science – Techvolt Software Pvt. Ltd., Coimbatore   Dec 2023
- Performed data preprocessing, cleaning, and exploratory data analysis on structured datasets using Python.
- Applied statistical analysis techniques to identify trends and generate analytical summaries.
- Built visual reports to communicate data-driven insights effectively.

Data Analytics – Training Trains Software Technologies, Erode   Dec 2024
- Conducted exploratory data analysis and developed dashboards for KPI tracking and business intelligence reporting.
- Utilized SQL queries and Excel automation techniques to improve reporting efficiency.
- Supported data-driven decision making through structured performance summaries and visualization.

Education

B.Tech – Artificial Intelligence & Data Science   Nov 2022 – May 2026
Excel Engineering College   CGPA: 8.14

HSC – Govt. Higher Secondary School, Chinthamaniyur   2022
Percentage: 70%

SSLC – Govt. Higher Secondary School, Chinthamaniyur   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: Developed AI-driven Chatbot Generator using MERN Stack in a 30-hour competitive hackathon.
- **2nd Prize** – State Level Thulir Talent Test (2017, 2018), Tamil Nadu Science Forum.

Languages

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

Interests

Cricket Analytics, Sports Strategy Modeling, Performance Data Analysis.