

Spandan Patil

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PROFESSIONAL SUMMARY

Aspiring Data Analyst with a strong foundation in SQL, Power BI and Excel, and hands-on experience in data analysis and AI-driven projects. Skilled in extracting insights from complex datasets, visualizing data, and solving real-world problems. Eager to apply analytical thinking and technical skills to support data-driven decision-making and grow in the field of analytics.

EDUCATION

Bachelor of Technology (Artificial intelligence) G H Raisonni College of Engineering and Management	2021 - 2024 Grade: 7.94/10.0
Intermediate (Class XII) Kabira Junior College	2019 - 2020 Grade: 67.54%
Matriculation (Class X) Sanskar Vidya Sagar	2017 - 2018 Grade: 71.8%

PROJECTS

Auction Strategy for RCB ([Github](#)) ([Demo](#)) January 2025

- Led **SQL**-based analysis of Royal Challengers Bangalore (RCB) team data to support strategic planning ahead of the IPL 2017 auction.
- Analyzed 3-season performance, revealing a 50% win rate (22 wins in 46 matches) and heavy reliance on top three batters — Kohli (2500+ runs), de Villiers (2200+), and Gayle (1700+).
- Identified key pattern: RCB lost **80%** of matches when two of the top three batters scored under 25, indicating over-dependence on top-order.
- Recommended auction strategy including investment in wicket-taking bowlers, power-hitters for middle/death overs, and reconsideration of captaincy to improve team balance and depth

Astrosage Analysis Project ([Github](#)) ([Demo](#)) September 2024

- Performed end-to-end analysis of AstroSage platform data (28,000+ users, 35+ fields) using **Excel** to uncover user behavior, revenue trends, and seasonal patterns.
- Identified key insights, including December 2023 generating **70%** revenue from calls, despite chat services receiving higher average user ratings (**3.8 vs. 3.2**).
- Discovered peak usage trends, with over 8,000 calls in December 2023 and a noticeable dip in January, highlighting seasonal fluctuations in platform usage.
- Recommended strategic improvements such as AI-based service recommendations, performance-based training for agents, and peak-hour optimization to boost profitability.

Cab Booking System August 2022

- Developed a user-friendly cab booking system in Python using Tkinter, allowing users to register, log in, and book rides.
- Designed features including pickup/drop-off selection, car type choices, and optional add-ons like luggage and insurance.
- Implemented dynamic fare calculation based on distance, time, and selected services, which automated receipt generation by **70%**.
- Utilized **Python**, Tkinter, and **SQL** for backend logic, database management, and GUI design to ensure smooth user experience.

CERTIFICATIONS

Professional Certificate Course In Data Science Newton School September 2024

- Learned data analysis, business analytics and gaining hands-on experience and knowledge to contribute effectively as a Data Analyst or in AI-driven roles.

SKILLS

Computer Languages: SQL, Python

Data Tools: Power BI

Software Packages: MySQL, Excel

Soft Skills: Communication Skills, Teamwork, Decision-making, Time management, Leadership, Verbal/nonverbal communication, Presentation Skills

Others: Analytics, Spreadsheet

EXTRA-CURRICULAR ACTIVITIES

- Actively participated in school sports as part of the football and basketball teams, and engaged in college co-curricular events like Ganesh Utsav and Shivjayanti through speeches and volunteering.
- Enhanced my leadership, teamwork, and public speaking skills, contributing to my overall personal and academic development.