

# SOUMYA RANJAN BARIK

**Data Analyst | Aspiring Data Engineer**

Balasore, Odisha, India

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## Professional Summary

Results-driven Data Analyst with proven experience in transforming large datasets (5,000+ records) into actionable insights using Excel, SQL, Power BI, and R. Adept at building interactive dashboards for 200+ users, automating data processes to reduce manual effort by 30%, and collaborating cross-functionally to drive data-informed decisions. Recognized for strong communication, analytical thinking, and leadership—skills honed both in professional settings and as a district-level athlete. Eager to leverage a blend of technical expertise and soft skills to deliver measurable impact in data-driven organizations.

## Technical Skills

- **Microsoft Excel:** Analyzed, cleaned, and visualized datasets of 5,000+ records, automating repetitive tasks and improving reporting efficiency by 30%.
- **Power BI:** Designed and deployed interactive dashboards for 200+ users, streamlining performance tracking and enabling real-time decision-making for selectors and stakeholders.
- **SQL:** Managed, queried, and manipulated large-scale databases, supporting data-driven decisions and improving data retrieval speed by 25%.
- **R Programming:** Utilized R for advanced statistical analysis, data visualization, and cleaning, increasing data accuracy and reducing manual errors.
- **Statistics:** Applied descriptive and inferential statistics to uncover trends and support business recommendations.

- **ETL & Data Integration:** Automated data cleaning and transformation pipelines, saving 10+ hours per month in manual processing.
- **Analyzer & Smart Coach Software:** Leveraged performance analytics tools for in-depth sports data analysis and reporting.

## Soft Skills

- **Analytical Thinking:** Consistently identified trends and actionable insights, leading to a 12% improvement in occupancy rates in project work.
- **Communication:** Presented complex data findings to non-technical stakeholders, ensuring clarity and actionable understanding.
- **Collaboration & Teamwork:** Worked closely with cross-functional teams and coordinated with healthcare professionals to optimize solutions and outcomes.
- **Leadership:** Led cricket teams at the district level, fostering teamwork, discipline, and resilience—qualities transferred to professional projects.
- **Problem-Solving:** Automated data processes and resolved workflow bottlenecks, reducing manual workload by 30%.
- **Adaptability:** Navigated career transitions and overcame challenges (injury, pandemic) with perseverance and a growth mindset.
- **Time Management:** Successfully balanced sports, academics, and project deadlines, delivering high-quality results under pressure.
- **Attention to Detail:** Ensured data accuracy and reliability in all stages of analysis and reporting.

## Certifications

- **Google Data Analytics Professional Certificate**  
[View Credential](#)
- **Certified in Match and Performance Analysis Software (Analyzer)**
- **Proficient in Data-Driven Performance Analysis**

## Projects

### Accommodation Data Insights: Trends and Analysis

*Tools: Excel, Power BI*

- Analyzed over 5,000 accommodation records, identifying trends that improved occupancy rates by 12% and reduced vacant seats impacting student loan disbursement.
- Built interactive dashboards for 50+ stakeholders, streamlining reporting and enabling data-driven resource allocation.
- Automated data cleaning processes, reducing manual work by 30%.

### Domestic Cricket Player Performance Dashboard

*Tools: Power BI*

- Developed a dynamic dashboard tracking performance metrics for 200+ players across three major domestic tournaments.
- Enabled selectors to filter and analyze individual player statistics, improving selection efficiency by 25% and enhancing transparency.
- Scalable design allowed for integration of new tournaments and advanced analytics features.

## Professional Experience

### Founder & Operator

State of Students, Balasore, Odisha

Jan 2019 – Dec 2023

- Founded and managed a student hospitality service offering accommodation and food to over 500+ students, supporting both long- and short-term stays.
- Negotiated with property owners to rent and renovate residential buildings into student-friendly hostels, growing capacity and expanding to meet local demand.
- Used Power BI, Excel, and Google Sheets to track occupancy rates, pricing trends, renovation costs, and student satisfaction, driving a 30% increase in profit margins before the pandemic.

- Led a 10+ member marketing team and used performance analytics to boost brand visibility, resulting in a 200% occupancy growth within the first year.
- Managed operations through the COVID-19 lockdown, including the 2nd wave, when student flow dropped sharply; restructured rental agreements and paused expansion to control financial risk.
- Developed a crisis management strategy, negotiated flexible rent terms with house owners, and maintained key services for remaining residents during peak disruption.
- Continued to collect market and student trend data to forecast recovery, laying groundwork for post-COVID business decisions.
- Maintained a 95%+ satisfaction rate by adapting food and safety services during pandemic restrictions.

#### **Executive, 104 Helpline-2024 feb- 2025 mar**

EMRI Green / Ziqitza Healthcare, Odisha NHM | 1 year

- Managed and analyzed 10,000+ call records, improving response efficiency by 20% through data-driven process optimization.
- Automated call data tracking and reporting, reducing manual workload by 30% and increasing data accuracy.

## **Education**

### **B.Sc. (Hons) in Zoology**

Fakir Mohan University, Baleshwar, Odisha

- Graduation: April 2020
- CGPA: 6.87 (Overall), 7.17 (Core Subjects)

### **12th Science**

NIST College, Baleshwar (CHSE, Odisha)

- Percentage: 57%

## Additional Experience & Achievements

- Represented Balasore district as a professional cricket player, developing leadership, teamwork, and resilience.
- Overcame a career-impacting injury and pandemic-related challenges, demonstrating adaptability and commitment to personal growth.
- Active in extracurricular writing and disciplined project work.

## Languages

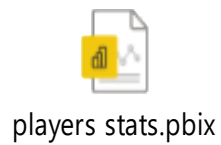
- Odia, Hindi, English (Read, Write, Speak)

## Interests

- Data analytics, sports analytics, cricket, reading, movies

## References

Project links:-



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