

Santanu Jana

Data Analyst Trainee

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Profiles

 SantanuJana-DA
LinkedIn

 Santanu-72
GitHub

Education

Bachelor in Computer Application
Maulana Abul Kalam Azad University
July 2019-June 2022
CGPA - 7.93
 BCA Certificate

Skills

Languages and Tools

Python-4.0 || SQL-4.0 || Excel-4.5 ||
Power BI-4.1

Certifications

Full Stack Data Science & AI - IIT Guwahati
 Certificate

Full Stack Data Science & AI - Almbetter
 Certificate

Data Analysis & Visualization
 Excel Certificate

Interests

Exploring real-world datasets

Reading about AI and Data Science trends

Teaching and mentoring

Listening to music

Languages

Bengali - Native

Hindi - Fluent

English - Professional Working Proficiency

Summary

Data Analyst Trainee with practical experience in **Python, SQL, Power BI, and Excel**. Skilled in **data cleaning, exploratory analysis, and dashboard development** to extract insights from complex datasets. Experienced in building KPI reports, performing statistical analysis, and presenting findings through data visualization to support data-driven decision-making.

Training Experience

Data Analyst Trainee - Almbetter

November 2023 - Present

Data Analyst Certificate

- Completed structured training in Data Analytics covering **Python, SQL, Excel, Power BI, and additional analytical tools**.
- Performed data cleaning and transformation using **Pandas and Excel**, handling missing values and duplicates to **improve dataset accuracy by ~20%**.
- Performed data analysis on **20+ real-world datasets** to uncover patterns, trends, and data quality issues.
- Wrote 1000+ SQL queries** using JOIN, GROUP BY, HAVING, and CASE statements.
- Built interactive dashboards in **Power BI** with KPIs and slicers for **10+ dashboards**.
- Created **30+ visual reports** to communicate insights effectively.
- Completed **10+ end-to-end analytics projects** involving dataset preparation, cleaning, transformation, analysis, and visualization.

Projects

Hospital ER Analysis Using Excel

January 2026

Project Link

- Developed an interactive **Hospital Emergency Room Dashboard in Excel** analyzing **9,000+ patient records** to track patient flow, admission trends, and operational performance metrics for improved ER utilization monitoring.
- Generated a **Calendar Table covering 2 years of dates** to handle missing date values and enable consistent time-based analysis in the dashboard.
- Utilized **Pivot Tables, Power Pivot, advanced Excel formulas (IF, COUNTIFS, SUMIFS), data validation** to create dynamic KPI reports with over **9+ charts** and **2 slicers** for automated performance tracking.
- Identified peak ER utilization in **August 2024 (530 visits)**, key demographic trends (**138 White patients, age group 60-70**), and **average waiting time (~35 minutes)**, supporting resource planning and data-driven decision-making.

Amazon Prime Exploratory Data Analysis in Python

November 2025

Project Link

- Analyzed **9,600+ Amazon Prime titles** using **Python (Pandas, NumPy)** to identify trends in content type, genres, and release patterns.
- Processed **15 dataset features**, resolving **6000+ missing values** to prepare the dataset for analysis.
- Conducted **Exploratory Data Analysis (EDA)** and created **10+ visualizations** using **Matplotlib and Seaborn** to uncover content distribution and rating trends.
- Revealed key platform trends including **80% movie dominance** and **60% of titles released after 2015**, indicating rapid growth in recent content releases.

IPL Data Analysis using Power BI

October 2025

Project Link

- Built an **IPL data analysis dashboard** analyzing **74 matches** and **750+ players** to track team performance, player statistics, and match trends, enabling faster insight generation for tournament and ranking analysis.
- Transformed and modeled over **4 different IPL datasets** containing **match results, player statistics, and team records** using **Power Query** and data modeling, establishing structured relationships for accurate **season-wise and player-wise performance analysis**.
- Utilized **DAX measures, interactive filters, slicers, and 10+ visualizations** including KPI cards, bar charts, line charts, and donut charts to track key metrics such as **26,405 total runs, 17,222 wickets, 2,251 fours, and 1,296 sixes**.
- Identified key insights including **RCB as 2025 champion**, **Punjab Kings as runner-up**, **peak individual performances** like **B Sai Sudharsan scoring 759 runs** and **M Prasad Krishna taking 25 wickets**.