

Subhajoti Patra

Data Analyst | Power BI Developer

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EDUCATION

Indian Institute of Technology (IIT), Guwahati

Bachelor of Science (BSc) in Data Science and Artificial Intelligence

Guwahati, India

Expected May 2028

TECHNICAL SKILLS

Languages: Python, SQL, DAX

Databases & Tools: PostgreSQL, pgAdmin, Power BI, MS Excel, Supabase

Concepts: Star Schema Modeling, Relational Databases, Data Aggregation, Time-Intelligence Analysis

DATA ANALYTICS PROJECTS

E-Commerce Sales & Customer Analytics | *SQL, PostgreSQL, Power BI, DAX*

Dec 2026

- Developed an end-to-end business intelligence solution to track retail performance, customer metrics, and year-over-year (YoY) revenue growth.
- Extracted and engineered data from a 9-table relational database using PostgreSQL, transforming raw transactional records into an optimized 4-table Star Schema to maximize dashboard performance.
- Built an interactive Power BI dashboard utilizing custom DAX measures for critical KPIs, including active customer tracking and average revenue per user (\$4.61K).
- Implemented time-intelligence filtering via a dedicated calendar dimension, enabling automated matrix drill-downs and seasonal trend detection.

FIFA World Cup Simulator & Analytics Pipeline | *Python, Supabase, PostgreSQL, Power BI*

Oct 2026

- Developed and deployed a full-stack web application (Vercel) allowing users to rank teams, predict match outcomes, and complete tournament surveys.
- Utilized Python and Pandas to clean and filter historical match datasets, ensuring accurate representation of qualified tournament teams.
- Engineered a data collection pipeline by integrating a Supabase backend, writing PostgreSQL queries to store and manage user-generated survey data.
- Connected the PostgreSQL database to Power BI, developing interactive visualizations to analyze user predictions and sentiment trends.

CERTIFICATIONS & VIRTUAL EXPERIENCE

Technology Analytics Virtual Experience

Online

Deloitte

2026

- Completed a simulated corporate analytics project focusing on data cleaning, visualization, and strategic client communication.
- Analyzed business datasets to identify core operational constraints and structured the data into visual summaries for stakeholder presentations.
- Demonstrated competency in translating raw corporate data into actionable business requirements.