

AKASH KUMAR NAYAK

Data Analyst

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Summary

Data Analyst with a strong foundation in SQL, Python, Excel, Power BI, and Machine Learning. Experienced in data cleaning, exploratory data analysis, statistical analysis, and building basic predictive models through academic and real-world projects. Passionate about transforming data into actionable insights and supporting data-driven decision-making in fast-paced teams.

Skills

Programming & Querying: SQL, Python (Pandas, NumPy), DAX

Data Analytics: Data Cleaning, Exploratory Data Analysis (EDA), Descriptive Statistics, A/B Testing

Visualization & Reporting: Advanced Excel (Pivot Tables, VLOOKUP/XLOOKUP), Power BI, Tableau

Machine Learning (Foundational): Regression, Classification, Model Evaluation

Tools & Platforms: Jupyter Notebook, GitHub, MySQL, PostgreSQL

Startup Skills: Problem Solving, Data Storytelling, Business Understanding, Ownership Mindset, Stakeholder Communication, Attention to Detail

Experience

Data Analyst Intern

Aug 2024 – Sep 2024

Cognifyz Technologies

Python, Pandas, SQL, Power BI — Link

- Processed **64K+** records from **6 data sources** and built a unified, analysis-ready dataset for reporting.
- Developed **12+ business KPIs** (revenue, margin, budget variance), improving budgeting accuracy by **25%**.
- Automated **data validation and DAX calculations** in Power BI, reducing reporting turnaround time by **18%**.

Projects

Employee Attrition Analytics Dashboard | Python, SQL, Power BI, Machine Learning

Sep 2025 — Link

- Analyzed **15K+** employee records to identify attrition patterns by role, tenure, department, and pay band using SQL and Python.
- Performed **data cleaning, EDA, and statistical analysis** to uncover key drivers of employee attrition.
- Built and evaluated **classification models** to predict attrition risk, using ML outputs to strengthen analytical insights.
- Designed an **interactive Power BI dashboard** with **8 KPIs**, enabling HR teams to make data-driven retention decisions.

Amazon USA Sales & Operations Analysis | SQL, PostgreSQL, Power BI

Dec 2025 — Link

- Analyzed **20K+** e-commerce sales records to evaluate product performance, customer behavior, and revenue trends across categories and states.
- Built **advanced SQL queries** using joins, CTEs, window functions, and subqueries to calculate KPIs such as **CLTV, AOV, profit margin, return rate, and payment success rate**.
- Identified business insights including **top-selling products, inactive sellers, least-performing categories by state, shipping delays**, and high-return products.
- Developed **inventory stock alerts and stored procedures** to automatically update stock levels after sales, simulating real-world transactional systems.

Education

Bachelor of Technology (B.Tech) in Computer Science

Graduated: 2025

Gandhi Engineering College, Bhubaneswar

CGPA: 7.6 / 10

Awards & Certifications

- Advanced Certificate Programme in Data Science & AI-ML – upGrad (2025): Completed an industry-oriented program covering data analysis, machine learning, SQL, Python, statistics, and end-to-end projects under expert mentorship. [Link](#)
- Google Data Analytics Certificate – Coursera (2025): Completed **8 case-based projects** covering SQL, data cleaning, exploratory analysis, dashboard design, and presentation of insights. [Link](#)