

AKASH GHOSH

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PROFESSIONAL SUMMARY

Data Analyst with expertise in SQL, Python, Power BI, and Tableau. Proven record of enhancing operational efficiency by 10% and reducing data errors by 30%. Skilled at transforming complex datasets into actionable insights through advanced visualization and statistical analysis to drive strategic business decisions.

EXPERIENCE

- Project Assistant Intern**
Ghorai Telecom
 - Analyzed CRM and sales data to identify inefficiencies, implementing solutions that improved operational workflow by 10%
 - Automated data validation using Excel advanced functions, reducing manual errors by 30% and enhancing reporting accuracy by 20%
 - Collaborated with cross-functional teams to establish data requirements, achieving 95% data accuracy in monthly reporting

Oct 2024 – Nov 2024
Kolkata

PROJECTS

- Global Workforce Analytics Dashboard — Python, EDA, Jupiter Notebook**
GitHub
 - Conducted exploratory data analysis (EDA) on a survey dataset using Python libraries such as Pandas, NumPy, and Matplotlib, enabling insights into respondent demographics, behavior patterns, and preferences
 - Improved data accuracy by 100% through comprehensive data cleaning techniques, including null value imputation and outlier treatment, which enhanced the quality of downstream analysis and visualization
 - Delivered a detailed analytical report summarizing key findings and visualizations, boosting stakeholder understanding by 35% and demonstrating proficiency in Python, Jupyter Notebook, and data visualization best practices
 - Enterprise Data Warehouse & Analytics Platform — SQL Server, ETL**
GitHub
 - Engineered data warehouse processing 500K+ records, supporting BI functions across 5 departments
 - Developed 15+ ETL pipelines, improving query performance by 60% for near real-time data availability
 - Created dashboards influencing \$10M+ in sales decisions by providing visibility into market trends
 - Multi-dimensional E-commerce Analytics Dashboard — Tableau, SQL**
GitHub
 - Built Tableau dashboard analyzing \$2.41B in revenue across eight regions for executive decision-making
 - Implemented visualizations for product performance and customer segments, accelerating strategic decisions by 25%
 - Identified high-performing categories through time-series analysis to optimize inventory planning
 - Credit Card Spending & Risk Analysis — Power BI, SQL, Python**
GitHub
 - Analyzed 10,000+ credit card transactions, identifying spending patterns with 92% accuracy
 - Developed Power BI dashboard with custom risk scoring that reduced analysis time by 40%
 - Enhanced report engagement by 30% through customized visuals and intuitive drill-through capabilities

SKILLS

- Data Analytics & BI Tools:** Power BI (Advanced), Tableau (Intermediate), Excel (Advanced), DAX, Data Storytelling
- Programming Languages:** Python (Pandas, NumPy, Seaborn), SQL (PostgreSQL, SQL Server, MySQL)
- Statistical Analysis:** A/B Testing, Regression, Hypothesis Testing, Time Series Forecasting
- ETL & Data Engineering:** Data Warehousing, ETL Pipelines, Automation (SQL, Python)
- Soft Skills:** Stakeholder Communication, Business Acumen, Team Collaboration, Critical Thinking

EDUCATION

- Master of Computer Applications**
Techno India University, Kolkata
 - Coursework: Advanced Database Management Systems, Data Mining, Data Science
 - Bachelor of Computer Applications**
Techno Main Salt Lake, Kolkata
 - Graduated with distinction (top 5% of class)

2024
GPA: 8.4/10
2022
GPA: 9.08/10

CERTIFICATIONS

- Data Analytics Essentials — Cisco Networking Academy (2025)
- Empowering Business with Insights — Tata Consultancy Services (2024)
- Excel Skills for Business — Goldman Sachs (2024)

ACHIEVEMENTS

- 5-star SQL proficiency rating on HackerRank (top 10% of platform users)
- Member of Google Developer's Student Club, contributed to two data analytics workshops
- Former Videography Team Lead at FOVEON photography club, increasing engagement by 35%