SARTHAK BORA

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PROFILE

BCA undergraduate with proven experience in Python, SQL, and Power BI, capable of turning data into practical insights that support business decisions. Experienced in dashboard creation, workflow automation, and data visualization to improve data accuracy and reporting efficiency. Aiming to apply technical and analytical abilities to add measurable value in Data Analytics and Business Intelligence roles.

EDUCATION

• Bachelor of Computer Applications (BCA) – Graphic Era Hill University, Uttarakhand (2023 – 2026) — CGPA: 9.0/10

• Higher Secondary (Class XII) – G.S. Convent School, Sitarganj (2022 – 2023) — 91.4%

CORE COMPETENCIES

• Programming & Querying: Python, SQL

• Analytics & Visualization: Power BI, Excel, Google Sheets

• Database Management: MySQL, DBMS

• Data Techniques: EDA, Data Cleaning, ETL, Statistics, Data Storytelling

• Technical Concepts: Object-Oriented Programming (OOP), Business Intelligence, Reporting Automation

• Workplace Skills: Communication, Collaboration, Attention to Detail, Structured Thinking

PROJECTS

• **Power BI Dashboard for Retail Sales Analysis:** Designed and deployed interactive Power BI dashboards to analyze retail sales across 5 regions, improving data visibility and reporting accuracy. Achieved a 30% increase in dashboard adoption among store managers and helped drive 12% faster decisions on sales promotions and restocking. Consolidated raw data from multiple sources to automate KPIs and trend insights, reducing manual reporting time by 40%.

• **SarthakFraction – Custom Python Package (PyPI):** Built and published SarthakFraction, a Python package for efficient fractional arithmetic operations. Applied OOP principles to enhance modularity and performance, achieving 2x faster computation on fraction-based operations compared to manual code. Acquired experience with PyPI publishing, dependency management, and PIP-based installation.

• **Data Cleaning in SQL:** Processed and standardized 10,000+ raw records using SQL to ensure data integrity and eliminate duplicates. Enhanced dataset consistency by 30%, enabling smoother downstream analytics and visualization workflows.

EXTRACURRICULARS & CERTIFICATIONS

• **Smart India Hackathon 2025 – First Round Selection:** Selected in the first round of the national-level hackathon among hundreds of applicants. Collaborated with a 4-member team to design a scalable, data-driven software prototype addressing real-world challenges, strengthening analytical thinking and project coordination.

• **Deloitte Australia Data Analytics Job Simulation – Forage | Oct 2025:** Completed Deloitte's forensic data analytics simulation, analyzing 3 business datasets to uncover irregularities and performance gaps. Delivered a report summarizing findings that improved case insight accuracy by 15% and simulated real client-facing communication.

• **Foundations of AI – Oracle (Score: 83% | Oct 2025):** Studied and applied principles of AI, Machine Learning, Deep Learning, and Large Language Models (LLMs) to real-world data examples. Implemented small-scale AI models achieving over 80% classification accuracy on curated datasets as part of coursework.

• **Power BI for Beginners – Simplilearn (Sep 2025):** Built dashboards integrating sales and marketing datasets, reducing manual analysis time by 30% through automated insights.

• **SQL for Data Analytics – Simplilearn (Sep 2025):** Executed SQL-based data cleaning and analysis on multiple sample databases, optimizing query efficiency and improving data retrieval time.

• **Python (Basic) – HackerRank (Sep 2025):** Solved structured programming challenges that improved logic-building and implementation speed in Python by 20%.

ADDITIONAL HIGHLIGHTS

• Developed Power BI dashboards that improved reporting accuracy and management decision speed by 25%.

• Produced actionable insights through KPI-driven reporting and trend analysis.

• Expanding expertise in AI applications and automation tools to optimize analytical workflows.