KARUNYA GUPTA

LinkedIn Profile | GitHub Profile

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PROFESSIONAL SUMMARY

Data Analytics-focused Computer Science undergraduate with hands-on experience in Python, SQL, Power BI, and Excel. Skilled in cleaning large datasets, building interactive dashboards, and extracting actionable insights across finance, operations, and transportation domains. Proven experience analyzing real-world datasets to improve decision-making and operational efficiency.

EDUCATION

Chitkara University
BE Computer Science and Engineering

Rajpura, Punjab, India
August 2023 - Present

SKILLS SUMMARY

Programming Languages:	Python, SQL, Java
Data Analysis Libraries:	Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn
Tools & Databases:	Power BI, Excel, PowerPoint, Tableau, MySQL, Git-GitHub
Development Environment:	PyCharm, Jupyter Notebook, Visual Studio Code, Intellij IDEA
Soft Skills:	Team Management, Problem Solving, Collaboration, Critical Thinking, Time Management

PROFESSIONAL EXPERIENCE

CHAIRPERSON | WIE IEEE-CIET Affinity Group   **June 2025 - Present**

- Planned and executed 10+ technical and professional events, coordinating 15–20 volunteers and increasing participant engagement by 25%.
- Designed and delivered mentorship and skill-development workshops for 200+ students, improving event retention and repeat participation.

Ambassador | IEEEXtreme   **March 2025 - October 2025**

- Organized 6+ awareness sessions, workshops, and recruitment drives, promoting the global IEEEXtreme programming competition on campus.
- Drove 50+ new registrations, increasing university participation and competitive representation at the national level.

Marketing Lead / Team Lead | Hack With Her 4.0   **January 2025 - March 2025**

- Managed end-to-end registrations for 750+ participants, ensuring error-free onboarding and communication.
- Executed a data-driven marketing strategy across email and social channels, achieving 95% positive participant feedback on event coordination.

PROJECTS

SkyMatrics: Aviation Intelligence & Strategic Dashboard | LINK

- Built an interactive Power BI dashboard analyzing flight prices, journey duration, stops, and route-wise demand across multiple time periods.
- Processed and optimized large aviation datasets (50k+ rows) using Python (Pandas, NumPy), improving dashboard accuracy and performance.

Financial Data Analysis: Google Stock Performance and Market Volatility | LINK

- Analyzed multi-year time-series stock data to evaluate price volatility, trend movement, and risk patterns.
- Created daily performance KPIs and visualizations, supporting data-driven investment and risk-assessment insights.

Transportation & Operations Data Analysis: Uber Ride Performance | LINK

- Developed a Power BI operations dashboard tracking Completed Bookings, Lost Bookings, Revenue ($52M), and Distance (2.5M km).
- Reduced operational bottleneck identification time by 15% through automated KPI monitoring.
- Performed cancellation and revenue analysis by vehicle type and reason, highlighting customer friction points for retention strategy.

AWARDS AND CERTIFICATIONS

- **Certifications:** Python Foundation Certification, **Infosys** | Introduction to Data Management, **Meta** | Blockchain foundation in Business and Financial Services, **INSEAD** | Data Analytics Bootcamp, **Udemy** | Data Analysis with Spreadsheets and SQL, **Meta** | Power BI visualization with AI, **Office Master**
- **Awards/ Activities:** Outstanding Student Volunteer Award - **IEEE Delhi Section** | Excellence Award 2023 - Amer Ujala | Winner, DICE TECHNOVISION 2.0 | Winner, SCIENCE CARNIVAL 2024 |