

Diya Singhal

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Education

BSc (H) Statistics, Ramjas College, University of Delhi — 7.27/10 (2025)

Class XII, CBSE, Gurukul School — 93% (2022)

Class X, CBSE, Gurukul School — 94.4% (2020)

Experience

Data Analyst Intern – IBM Skillsbuild CSRBOX (Jun'24–Aug'24)

- Collaborated on a project addressing urban resilience to climate change aligned with Sustainable Development Goals (SDG) 11 and 13.
- Analyzed over 10,000 data points on urban pollution trends using Python and Tableau, leading to 3 actionable climate resilience strategies.
- Analyzed climate and infrastructure data to deliver 5+ data-driven policy recommendations, contributing to a 20% projected improvement in urban climate resilience metrics and enhancing reporting efficiency by 30%
- Used Python (Pandas, NumPy, Matplotlib, Seaborn) Tableau and Excel for analysis and visualization.

Certifications/Projects

Deloitte Australia Data Analytics Virtual Experience | Forage (May 2025)

- Completed a virtual job simulation focused on data analytics and forensic technology
- Developed interactive data dashboards in **Tableau** to visualize trends and support decision-making
- Utilized **Excel** for data classification, cleaning, and deriving actionable business insights

Diwali Sales Data Analysis (Python)

- Performed EDA on 10,000+ rows to identify purchase patterns; visualized using Seaborn and Matplotlib.
- Utilized **Pandas, NumPy, Matplotlib, and Seaborn** to clean, manipulate, and visualize sales data.
- Created **interactive visualizations** to highlight key insights using **Matplotlib and Seaborn**.
- Optimized dataset handling by applying **data preprocessing techniques**, including missing value treatment and outlier detection.

Young Industry Enthusiast – Capital Markets | Infosys Springboard

- Mastered core concepts of capital market operations enhancing understanding of market dynamics.
- Learned essential principles of stock market and capital market focusing on equity bonds and associated risks
- Developed investment strategies for stock market engagement minimizing associated risk

Technical Skills

- Programming: Python, R
- Tools: Tableau, Power BI, Excel, Jupyter Notebooks
- Database: SQL
- Other: Financial Modelling, Canva, MS Office

Soft Skills

Leadership, Problem Solving, Team Work, Critical Thinking, Attention to Detail

Position of Responsibility

PR Head, Illuminar Council, Ramjas College (Nov'22–Apr'24)

- Directed a team of more than 15 individuals to effectively manage and coordinate workshops and guest lectures.
- Cultivated a network of 30+ industry professionals, including data scientists and project managers, facilitating 10+ workshops on data analysis techniques that enhanced participant skill sets.
- Contributed to project *Naavik* under the Illuminar Council, collaborating with a team of 8+ members to drive 3+ community-focused initiatives on education and well-being

Achievements

- **Finalist & Podium Finisher (3rd Place), HR Case Study Competition – IIM Kashipur**
 - ✓ Competed against **500+ teams**, securing a spot among the **top 14 finalists**.
 - ✓ Developed strategic HR solutions and presented data-driven insights in the final round.
- Achieved a successful clearance of the **ACET examination** conducted by **Indian institute of actuaries (IAI)** demonstrating strong analytical and actuarial skill.
- Secured **Zonal rank 3** in International Mathematics Olympiad (**IMO**) conducted by SOF affirming strong mathematical aptitude.
- Consistently performed at the highest level achieving **school rank 1** in the International Mathematics Olympiad (**IMO**) for five consecutive years (2017-22).