

ACADEMIC QUALIFICATIONS			
Passing Year	Course	Institute	Percentage/CGPA
2026	M.Sc. Statistics	Lady Shri Ram College for Women, University of Delhi	7.500 (up to Semester II)
2023	B.Sc. (Hons) Statistics	Ram Lal Anand College, University of Delhi	7.905 CGPA
2020	Class XII, CBSE	DAV Fertilizer Public School, Babrala (Sambhal)	93%
2018	Class X, CBSE	DAV Fertilizer Public School, Babrala (Sambhal)	95%
INTERNSHIPS			
National Data Analysis Programme under Government of India			01/06/2024-31/08/2024
Data Analyst	<ul style="list-style-type: none"><li>Cleaned, validated, and analyzed large-scale public health datasets in Excel to support data-driven policy decisions.</li><li>Applied statistical techniques to extract insights and created reports and visualizations in MS Word and Excel.</li><li>Collaborated with experts to ensure timely project execution and presented insights to non-technical stakeholders.</li></ul>		
Department of Statistics, Ram Lal Anand College, University of Delhi			11/06/2022-19/07/2022
Research Intern	<ul style="list-style-type: none"><li><b>Title:</b> <i>Factors Affecting Entrepreneurship and Innovative Mindset Among Students</i></li><li>Designed and conducted a structured primary survey to analyze personal, academic, and social drivers influencing students’ entrepreneurial mindset. Cleaned and analyzed collected data in Excel; applied correlation, hypothesis testing, and data summarization techniques to identify key behavioral patterns. Interpreted findings and compiled a structured academic report, strengthening skills in research design, data handling, and clear presentation of data-driven insights.</li></ul>		
ACADEMIC PROJECTS			
❖ Predicting Loan Funding Success using Socio-Economic Indicators and Machine Learning			01/06/25-30/06/25
Machine Learning – Classification & Regression (Python)	<ul style="list-style-type: none"><li>Merged Kiva and World Bank datasets; performed <b>EDA</b> to uncover patterns in gender, region, loan size, and funding time.</li><li>Built <b>pipelines</b> with <b>Logistic Regression, Random Forest, and XGBoost</b>. Used <b>SMOTE</b> to address imbalance.</li><li>Achieved high accuracy &amp; AUC with XGBoost; selected Logistic Regression for interpretability.</li></ul>		
❖ Forecasting Maximum Power Demand in India			01/06/25-30/07/25
Time Series Analysis (Python)	<ul style="list-style-type: none"><li>Integrated national-level energy generation and regional demand datasets.</li><li>Performed time series <b>EDA</b> to identify long-term trends, seasonal fluctuations, and anomalies using STL decomposition.</li><li>Forecasted daily power demand for <b>Maharashtra</b> using <b>ARIMA</b> and <b>SARIMA</b> models.</li></ul>		
❖ Comparison of Quality of Life Index 2019, 2021 and 2022			01/02/23-31/03/23
Regression and ANOVA (R & Excel)	<ul style="list-style-type: none"><li>Modeled Quality of Life Index using <b>linear regression</b> and <b>ANOVA</b> in R and Excel for 87 countries across three years (2019, 2021, 2022).</li><li>Identified key socio-economic predictors (e.g., Safety, Health, Cost of Living) and enhanced model accuracy through regional segmentation and variable selection.</li></ul>		
SKILLS & CERTIFICATIONS			
• MS Excel   MS PowerPoint   Tableau   Microsoft Power BI   Canva		• Python for Beginners, ML for Beginners, AI in Data Analysis, Research with AI & Visualize Your Data (Sololearn)	
• Python   R / RStudio   SQL   C Programming   Machine Learning		• Basics of Business Analytics (IMS Proschool Pvt Ltd)	
• Exploratory Data Analysis (EDA)   ANOVA   Hypothesis Testing   Feature Engineering   Data Cleaning		• Complete Data Analyst Bootcamp : Basics to Advanced (Udemy)	
POSITIONS OF RESPONSIBILITY			
<ul style="list-style-type: none"><li><b>Secretary -Vishleshika: Department of Statistics &amp; Ram Lal Anand College, University of Delhi</b></li><li><b>Feb 2021- Dec 2022</b></li></ul>		Organized and coordinated workshops, seminars, and events, utilizing attention to detail, organizational skills, and <b>problem-solving</b> abilities and demonstrated leadership. Organized and executed a multi college event: <b>“BID WHIST”</b> .	
<ul style="list-style-type: none"><li><b>House Cultural Captain</b></li><li><b>DAV Fertilizer Public School, Babrala (Sambhal)</b></li><li><b>2019-2020</b></li></ul>		Managed cultural events, student participation, and competitions, utilizing organizational skills. Strengthened <b>team spirit, stage coordination, and public speaking skill</b> .	
EXTRA-CURRICULAR ACTIVITIES & SOCIAL WORK			Year
ECA	• Member of western dance society ‘ILLUSION’.		2021-2022
NGO Volunteering	• Volunteered and later promoted to Management Trainee at ADORE; led 50+ activities.		2021
	• Volunteered in the Event Management team at AASHMAN Foundation.		2021
Community Service	• National Cadet Corps: “A” certificate. Participated in drills, parades, and discipline training programs and attended a 10-day NCC camp.		2015- 2017