Udit Chauhan

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EDUCATION

MSc Economics	Shiv Nadar University, Delhi-NCR	7. 85/10 (Till Sem 3)	2024 – 2026
BA Economics	MLNC, University of Delhi	7.15/10	2021 – 2024
Class XII (CBSE)	Delhi Public School, Haridwar	85.6%	2021

RESEARCH and PROJECTS

Semantic Data Model Creation in Power BI	● Applied data modeling and semantic modeling principles to construct a star schema in Power BI using a fictional yet real-world relevant chocolate company dataset. ● Transformed raw data into an organized, query-efficient structure, enabling in-depth business analysis and reporting.	JULY 2025
Empirical Analysis of the EKC Hypothesis for Municipal Solid Waste Across Indian States (Research Paper)	● Conducted a pioneering empirical analysis of the Environmental Kuznets Curve (EKC) for municipal solid waste across 31 Indian states and union territories — the first study of its kind in the Indian context. ● Used fixed effects panel regression in STATA to analyze the relationship between municipal solid waste and per capita income.	MAY 2025
COVID-19 Data Analysis And Visualization	● Evaluated global COVID-19 data using Python, Pandas, and Matplotlib to calculate recovery and mortality rates and saw trends in cases and deaths.	DEC 2024
Sales Report of an E-Commerce Store	● Processed 50,000+ transactions in Excel to deliver insights, and structured raw sales data into organized formats with visualizations in Power BI.	FEB 2024
Data Analysis of Literacy Rates in India	● Explored literacy rate trends in India (2011–2023) using Excel, highlighting urban–rural disparities through data visualizations.	DEC 2023
Analyzing the Economies of India and Cambodia	● Assessed macroeconomic indicators and trends for India and Cambodia using World Bank data, deriving policy insights with Excel.	MAY 2023

INTERNSHIPS

SUMMER RESEARCH INTERN BITS - Pilani K.K. Birla Goa Campus	● Conducted empirical analysis of Green Total Factor Productivity (GTFP) for 26 Indian states and UTs over a 12-year period (2011-2022), a critical measure for sustainable economic development, under the guidance of Dr. Arfat Ahmad Sofi. ● Used Python for data arrangement and cleaning to prepare comprehensive datasets, enabling deeper insights.	JUNE 2025 - JULY 2025

POSITIONS OF RESPONSIBILITY

Shiv Nadar University	**Teaching Assistant**	● **Semester II (Jan 2025 - May 2025)**: Introductory Econometrics **Faculty Advisor**: Dr. Shampa Bhattacharjee ● **Semester I (Aug 2024 - Dec 2024)**: Introduction to Probability **Faculty Advisor**: Dr. Punarjit Roychowdhury	2024 - (Present)
	Placement Coordinator	● Served as Placement Coordinator, facilitating communication between students and recruiters, placement activities, and job application processes.	2024 - (Present)
	Trade - Environmental Group	● Member of the Trade and Environment Group, contributing to the organisation of the conferences and discussions.	2025 - (Present)

SKILLS

STATA | Power BI | LaTeX | MS Excel | Python | Data Modelling

CERTIFICATIONS

● **Investment Banking Virtual Experience** | JP Morgan

● **Programming in Python** | Meta

● **Introduction to R (Programming)** | Great Learning

● **Introduction to Data Analysis** | Coursera

● **SEBI - Investor Certification Examination** | Score: 50/50

EXTRA-CURRICULAR ACTIVITIES

● **Volunteer - Trade and Environment Conference** 2025, Shiv Nadar University, Delhi - NCR

● **Fundraising Volunteer** - HelpAge India - Human Rights

● **Campus Ambassador -** Rendezvous IIT Delhi