

Aditya Narayan Singh

M.Sc. Economics (1st Year)
Department of Economic Sciences
IIT Kanpur

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Academic Qualifications

Year	Degree	Institute	CPI or %
2024 - Present	M.Sc. Economics	Indian Institute of Technology, Kanpur	8.81 (Sem-I)
2024	B.A. Statistics (Hons.)	Banaras Hindu University	7.65
2019	CBSE(XII)	Jawahar Navodaya Vidyalaya, Kushinagar	76.83%
2017	CBSE(X)	Jawahar Navodaya Vidyalaya, Kushinagar	9.2

Scholastic Achievements

- Secured **All India Rank 454** in **IIT JAM 2024** among 3536 candidates all across the country.

Work Experience

- Worked part-time as a subject matter specialist in **Statistics and Probability** on **chegg**, assisting students globally in resolving subject related queries and enhancing their understanding of statistical concepts.

Key Projects

- Weather App** (Course group project) (August, 2024 - November, 2024)
 - Developed an interactive R Shiny app to visualize live and historical weather data.
 - Implemented web scraping for real-time weather updates.
 - Scrapped and clean historical weather data over 2 years for more than 10 cities.
 - Provided simple and interactive UI for city-based dataset selection, and created dynamic plots for temperature trends, precipitation, and wind analysis.
 - GitHub Repository Link:** [Weather App Project](#)
- Survey and Analysis on Online Shopping Behaviour** (Self Project) (Feb,2024 - April, 2024)
 - Developed a Google Forms questionnaire to collect data on online shopping experiences from BHU students.
 - Performed Exploratory Data Analysis and created visualizations.
 - Analyzed data using statistical methods to derive insights into online shopping behavior, satisfaction levels, and platform preferences.
 - Github Repository Link:** [ONLINE-SHOPPING-BEHAVIOUR-AMONG-BHU-STUDENTS](#)

Technical Skills

- Python (NumPy, Pandas, Matplotlib, Scikit-learn, etc.)
- MS Excel
- R (dplyr, ggplot2, rvest, etc.)
- MySQL

Certifications

- Investor certificate by [SEBI](#)
- R Programming Language by [Udemy](#)
- Problem Solving (Basic) by [HackerRank](#)
- Supervised Machine Learning: Regression and Classification by [DeepLearning.AI](#), [Stanford University](#)

Relevant Courses

Data Science Lab-1 Descriptive Statistics and Distribution Theory Operations Research	Applied Probability and Statistics Statistical Inference Sample Surveys and Design of Experiments
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Extra curriculum activities

- Played table tennis and chess at school level.
- Worked in NGO (Snowdrop Foundation, BHU)