



## CONTACT

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GitHub:  
<https://github.com/AyushmanGHub>

Location:  
Jamshedpur, Jharkhand, India

## SKILLS

- numpy - ★★★★★☆
- pandas - ★★★★★☆
- SQL - ★★★☆☆
- Problem Solving - ★★★★★☆

## LANGUAGES

- English - ★★★★★☆
- Hindi (Native language) - ★★★★★★

# Ayushman Anupam

Data Science Student

## PROFILE

I am a first-year postgraduate student in Data Science at Chennai Mathematical Institute, India, with an undergraduate degree in Mathematics from the Indian Statistical Institute, Bangalore. I have a strong interest in areas like Probability, Statistical Inference, Graph Theory, Economics, and Finance. I'm passionate about working in data-driven fields like machine learning, statistical modelling, and data visualization. I thrive on problem-solving and approach challenges with a determined, never-give-up attitude.

## EDUCATION

<b>Chennai Mathematical Institute</b>	<b>Chennai, Tamil Nadu</b>
M.Sc in Data Science	August 2024 – Present
SQL and RDBMS, Python, Data Visualization, Mathematical Analysis	

<b>Indian Statistical Institute</b>	<b>Bangalore, Karnataka</b>
BMaths (Hons.)	2020 – 2024
Probability, Statistics, Statistical Inference, Optimization, Linear Algebra, Computer Science, Economics and Graph Theory	

## ACADEMIC PROJECTS

<b>Availability, Accessibility and Inequality of WASH</b>	<b>Dec 2022</b>
<b>Mentor:</b> Prof. Rituparna Sen	
Indian Statistical Institute, Bangalore	
Paper analyzes inequality in availability and accessibility of Water, Sanitation, and Hygiene (WASH) services across six major Indian cities—Mumbai, Delhi, Chennai, Bangalore, Kolkata, and Hyderabad, While WASH services improved overall during this period, disparities persisted across cities. The study measures inequality using indices like the <b>Gini, Theil, and Atkinson Indexes</b> , highlighting key factors such as literacy, housing conditions, economic stability, and social status.	
<b>Project link:</b> <a href="https://www.isibang.ac.in/~rsen/Stat1/2.pdf">https://www.isibang.ac.in/~rsen/Stat1/2.pdf</a>	

<b>From Data to Dwellings: Decoding Amsterdam's Housing Price</b>	<b>Sept 2024</b>
<b>Mentor:</b> Prof. Sourish Das	
Chennai Mathematical Institute	
Project analyzes housing prices in Amsterdam using data from August 2021. The primary goal is to identify trends affecting housing prices. By analyzing predictors such as property area, number of rooms, and geographic location, the project will explore relationships through exploratory data analysis (EDA).	
<b>Project link:</b> <a href="#">Amsterdam-House-Price-Analysis-and-Prediction</a>	

## POSITION OF RESPONSIBILITY

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- Volunteered in Blood Donation Camp
- Volunteering in "Malakar Kalyan Samiti, Jharkhand"
- Served as Treasurer in Interact Club, 2016-18 (School Branch of Rotary club)

## SKILL DEVELOPMENT COURSES

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- **Machine Learning Specialization:** [Coursera Online Certification](#)
  - a. Unsupervised Learning, Recommenders
  - b. Supervised Machine Learning: Regression and Classification
  - c. Advanced Learning Algorithms
- **Decision Tree, Random Forest, AdaBoost and XGBoost:** [Udemy](#)
- **Game theory:** [Coursera Online Certification](#)
- **Data Structure and Algorithm:** [Udemy](#)
- **Basic Python and Python for Data Science:** [IBM](#)
- **SQL complete Bootcamp from Basics to Advanced:** [Udemy](#)
- **ChatGPT and GPT-4 LLM Guide- Prompt engineering:** [Udemy](#)

## ACHIEVEMENTS

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- **GATE 2024:** All India Rank 271, Statistics
- Rank 1 in **MS QMS 2024** entrance Examination  
Indian Statistical Institute
- JEE Mains, 2020 all India Rank - 4652
- JEE Advance, 2020 all India Rank - 7658