



CONTACT

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

Location:
Jamshedpur, Jharkhand, India

SKILLS

- **Programming Languages:**
 - R
 - Python
 - SQL
- numpy, pandas
- seaborn, matplotlib
- Problem Solving

LANGUAGES

- English
- Hindi (Native language)

Ayushman Anupam

Data Science Student

PROFILE

I am a Data Science student with a deep passion for learning and exploration. Coming from a strong Mathematics background, I have developed a keen interest in areas such as Statistics, Probability, Statistical Inference, Graph Theory, and Economics. I'm particularly enthusiastic about applying my knowledge in data-driven fields like machine learning, statistical modelling, and data visualization.

EDUCATION

Chennai Mathematical Institute

M.Sc in Data Science

SQL and RDBMS, Python, Data Visualization, Mathematical Analysis

Chennai, Tamil Nadu

August 2024 – Present

Indian Statistical Institute

BMaths. (Hons.)

Probability, Statistics, Statistical Inference, Optimization, Linear Algebra, Computer Science, Economics and Graph Theory

Bangalore, Karnataka

2020 – 2024

PROJECTS

Daily Temperature Prediction of Chennai

Oct 2024

- Developed and implemented a robust weather forecasting solution to predict daily average, minimum, and maximum temperatures for Chennai.
- Used MultiOutputRegressor with LGBMRegressor for model training data.
- Evaluated model performance using metrics such as MAE, MAPE, and RMSE to ensure accuracy and reliability and analyzed features and optimized the model to improve forecasting precision.

Project link: [AyushmanGHub/Daily-Temperature-Prediction-of-Chennai](#)

Availability, Accessibility and Inequality of WASH

Dec 2022

Mentor: Prof. Rituparna Sen

Indian Statistical Institute, Bangalore

- Conducted an in-depth analysis of inequality in access to Water, Sanitation, and Hygiene (WASH) services across six major Indian cities of India.
- Used indices such as Gini, Theil, and Atkinson for disparities and track improvements in WASH services.

Project link: <https://www.isibang.ac.in/~rsen/Stat1/2.pdf>

From Data to Dwellings: Decoding Amsterdam's Housing Price

Mentor: Prof. Sourish Das

Sept 2024

Chennai Mathematical Institute

- Analyzed housing price trends in Amsterdam using August 2021 data.
- Performed exploratory data analysis (EDA) to uncover key predictors
- Identified relationships between variables for insights into pricing dynamics.

Project link: [Amsterdam-House-Price-Analysis-and-Prediction](#)

POSITION OF RESPONSIBILITY

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

HOBBIES

Reading Novels and Mangas,
Watching Anime, Cooking,
Teaching

SKILL DEVELOPMENT COURSES

- **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 in Python:** [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

- **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