

ILTEFAT AHMAD ALHAQUE JAMI

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Education

Indian Institute of Technology, Jodhpur

M.Sc Computational Social Science (Specialisation in Mathematical and Computational Economics)

2022 – 2024

CGPA: 8.99

Aryabhatta College, University of Delhi

B.A (Honours) Business Economics

2016 – 2019

CGPA: 7.0

Experience

Centre for Creative Leadership

Research Analyst: Insights and Impact

June 2024 – Present

Gurugram, IN

- Led statistical analysis and data visualization for impact assessment products, enhancing analytical insights and decision-making support for clients.
- Designed and developed modular R code to automate end-to-end reporting workflows—covering data collection, statistical processing, and report generation, using survey data from Qualtrics.
- Reduced report generation time by over 95%, improving efficiency and consistency of internal and client-facing outputs.
- Enabled cross-functional collaboration through reusable code components, improving scalability of analytics workflows across teams and projects.
- Co-authored and published a research paper titled *From Crisis to Transformation: Leveraging Telemedicine to Drive Healthcare System Change in an Age of Polycrisis*.

Data, Policy and Innovation Centre (DPIC), University of Chicago Trust

Research Intern: Government of Odisha and University of Chicago Trust Partnership

January 2024 – April 2024

Bhubaneswar, IN

- Decision Support System Development: Led the conceptualization and design of a Decision Support System using R Shiny for the Odisha State Pollution Control Board (OSPCB). The system aims to enhance regulatory decision-making on Industrial Particulate Matter (PM) and SO2 Emissions for more effective enforcement.
- Data Scraping, Preprocessing and Visualisation: Employed Selenium for data scraping from dynamic websites, handling and preprocessing extensive datasets with over 15 million observations. Produced visualizations and documentation to convey insights.
- Stakeholder Engagement: Worked with senior OSPCB officials to ensure alignment with regulatory goals and operational needs.

Deloitte India

Summer Intern: Strategy, Mergers & Acquisitions (SMA); Analytics & Cognitive

June 2023 – July 2023

Gurugram, IN

- Contributed in building and testing a proprietary client asset.
- Worked on designing and implementing a data acquisition system, repository, and data pipeline using Python and Databricks.

Teach for India

Volunteer: Mathematics

December 2021 – May 2022

Gurugram, IN

- Created resources to upskill a group of 64 girls in foundational mathematics through online classes and video content creation.
- Coordinated and held consultations with various stakeholders and partners to plan and execute projects and conducted workshops to encourage nature-based pedagogy.

Skills

Programming Languages: R, Python, Stata

Tools & Platforms: Git & GitHub, Azure, Docker, Tableau, RapidMiner, MS Office

Workflows & Data Integration: RMarkdown, API integration, Survey integration (Qualtrics)

Statistical & Analytical Techniques: Econometrics, Time Series Analysis, Regression Modelling, Statistical Inference, ML Applications

Stakeholder Collaboration: Experience working with government stakeholders as well as international, cross-functional teams.

Languages: English, Hindi, Urdu and LATEX

Projects and Working Papers

Inflation Expectations

- Analyzed RBI datasets (IESH, CCS, SPF) to study relationships between actual and expected inflation.
- Applied Multinomial Logistic Regression and Structural VAR to model inflation dynamics.

Ongoing

Text Analytics on Policy Documents using NLP

- Applied TF-IDF, BoW, and NLP methods to analyze outcomes and intentions in Indian policy texts.
- Assessed demonetization and budget speeches to evaluate digital policy narratives and fiscal trends.

Ongoing

Analyzing Child Marriage Policy

March 2023 – May 2023

- Used IHDS-III data to examine prevalence and implications of child marriage in India.
- Assessed policy impact of raising legal marriage age under PCMA, 2006.

Credit Access and Social Group Inclusion

September 2022 – December 2022

- Investigated disparities in credit access and usage among disadvantaged social groups.
- Analyzed formal credit barriers using nationally representative data.

Graduate Coursework

- ML for Economics
- Game Theory
- Advanced Econometrics

- Time Series Modelling
- Policy Analysis
- Macroeconomics

- Microeconomics
- Analytics Lab (Python)
- AI for Business

- Social Science Research Methods

Extracurriculars

Hobbies: Birdwatching, Wildlife Photography, Astrophotography, Calligraphy

Sports: Chess, Football