

ILTEFAT AHMAD ALHAQUE JAMI

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Education

Indian Institute of Technology, Jodhpur

2022 – 2024

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

CGPA: 8.99

Aryabhatta College, University of Delhi

2016 – 2019

B.A (Honours) Business Economics

CGPA: 7.0

Experience

Centre for Creative Leadership

June 2024 – Present

Research Analyst: Insights and Impact

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

January 2024 – April 2024

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

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

June 2023 – July 2023

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

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

December 2021 – May 2022

Volunteer: Mathematics

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 L^AT_EX

Projects and Working Papers

Inflation Expectations	Ongoing
<ul style="list-style-type: none">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.	

Text Analytics on Policy Documents using NLP	Ongoing
<ul style="list-style-type: none">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.	

Analyzing Child Marriage Policy	March 2023 – May 2023
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Investigated disparities in credit access and usage among disadvantaged social groups.Analyzed formal credit barriers using nationally representative data.	

Graduate Coursework

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| • ML for Economics | • Time Series Modelling | • Microeconomics | • Social Science Research |
| • Game Theory | • Policy Analysis | • Analytics Lab (Python) | Methods |
| • Advanced Econometrics | • Macroeconomics | • AI for Business | |

Extracurriculars

Hobbies: Birdwatching, Wildlife Photography, Astrophotography, Calligraphy

Sports: Chess, Football