

# TARIKA JAIN

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## EDUCATION

- MS Business Analytics, **University of Illinois at Urbana-Champaign** | 3.9/4 August 2023 – expected May 2024
- MSc Public Policy, **University College London (UCL)** | Merit Class 2020 – 2021
- B.A. LLB (Hons.), **Gujarat National Law University, India** | 70.7%. 2012 – 2017

## EXPERIENCE

### University of Illinois at Urbana-Champaign

**Champaign, Illinois**

*Research Assistant*

August 2023 – present

- Conducting literature review, sourcing publicly available datasets, and cleaning data pertaining to the impact of abortion bans on medical professionals providing healthcare services to women. Drafted a research grant proposal.
- Co-authoring a research paper on spillover effects of renewable portfolio standards, by analyzing emissions data collected by Carbon Disclosure Project using a staggered difference-in-differences research design.

### Chicago Transit Authority

**Champaign, Illinois**

*Business Practicum: Gies College of Business*

August 2023 – present

- Leading a study on environmental impact evaluation with specific focus on increased emissions due to reduced availability of public transport by cleaning and conducting exploratory analysis on publicly available data using R.
- Managing the client relationship to understand expectations and optimally leveraging the diverse skills of team members. Responsible for delivering weekly outputs and updates.

### Vidhi Centre for Legal Policy (Think Tank)

**New Delhi, India**

*Senior Resident Fellow (Health & Climate Team)*

February 2022 – July 2023

- Spearheaded primary research on lawsuits against healthcare providers. Formulated the research design, collected, and cleaned legal data using MS Excel, calculated descriptive statistics, visualized the data to explain the findings.
- Led research projects supported by the Rainmatter Foundation to execute high impact projects on legal reforms focusing on integrating sustainable development goals within India's environmental governance framework.

### Thakur Family Foundation

**New Delhi, India**

*Research Grant Recipient*

September 2020 – December 2020

- Authored an independent report to give recommendations on improving access to digital public records by amending transparency laws and revising open data policies in India. Scoped and condensed policy documents, coalesced a qualitative analysis using direct telephonic and online interviews.

### Vidhi Centre for Legal Policy (Think Tank)

**New Delhi, India**

*Research Fellow (Judicial Reforms Team)*

October 2018 - August 2020

- Conducted 11 studies for strengthening public institutions in India, which included developing performance evaluation metrics, and creating dashboards on publicly available data, under the aegis of Tata Trusts Fellowship
- Actively published articles on leading media platforms to shape public narrative and disseminate study findings on leading policy issues involving environmental governance, health policy and reforms in public institutions.

## PROJECTS

### Predicting market valuation of housing in Cook County

- Cleaned the data on historical property value to address missing values, outliers, and inconsistencies and prepare the data for designing a training dataset using R.
- Developed a lasso regression model to perform variable selection and a random forest model to generate accurate predictions of property values.

### Evaluating the results of a Randomized Control Trial on effectiveness of workplace wellness programs

- Performed regression on R to evaluate whether the experiment was conducted without selection bias. Interpreted the final estimates to assess if the effect was statistically significant after controlling for confounding variables.

### Extracting and visualizing Yelp data to conduct market analysis for opening a new restaurant

- Extracted data from Kaggle in JSON format, transformed and queried data using MySQL to draw insights for opening a new restaurant. Visualized the findings using Tableau for explaining the findings to a diverse audience.

## SKILLS

- Tools: R, Python, SQL, Tableau, MS Office, LaTeX; Analytics: Regression, Classification, Clustering
- Strong research, writing and editing skills

## SELECT PUBLICATIONS

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### Reports

- *(De)regulating the environment?: an analysis of regulatory changes introduced during COVID-19 in India* (with Himanshu Ahlawat), Vidhi Centre for Legal Policy, 2022. [Link](#)
- *The Digital Veil on Public Records: A Critical Appraisal of e-Records Governance in India*, Thakur Family Foundation, 2020. [Link](#)
- *ODR: The Future of Dispute Resolution in India* (with Deepika Kinhal), Vidhi Centre for Legal Policy, 2020. [Link](#)
- *Back to Basics: A call for better planning in the judiciary* (with Chitrakshi Jain & Shreya Tripathy), Vidhi Centre for Legal Policy, 2020. [Link](#)
- *Sunshine in the Courts: Ranking the High Courts on their Compliance with the RTI Act* (with Vaidehi Mishra et al.), Vidhi Centre for Legal Policy, 2019. [Link](#)
- *Open Courts in the Digital Age: A prescription for an open data policy* (with Prashant Reddy T, et al.), Vidhi Centre for Legal Policy, 2019. [Link](#)
- *Budgeting Better for Courts: An Evaluation of the Rs 7460 Crores Released Under the Centrally Sponsored Scheme for Judicial Infrastructure* (with Chitrakshi Jain et al.), Vidhi Centre for Legal Policy, 2019. [Link](#)

### Journal Articles

- Breaking through the Old Boys' Club: The Rise of Women in the Lower Judiciary (with Chandrashekar, S. et al.), *Economic & Political Weekly* (Vol. 55, Issue No. 4, 33-40), 2020. [Link](#)
- Analyzing Production: Sowing the Seeds For Sustainable Food Systems (with Atharva Sontakke), *NLU Assam Student Law Review* Vol. 1 Issue 2, 2016.
- Protection of Underwater Cultural Heritage: A Challenge for International and Indian Law. *International Journal of Legal Studies and Research*, 2014, 73-93.

### Opinion-Editorials & Blogs

- "Is the apex court backtracking on environmental principles?", Hindustan Times, April 2022.
- "Underutilization of Environmental Relief Fund defeats the 'Polluter Pays' principle", The Indian Express, January 2021.
- "Is India Neglecting Its Migrant Workers Abroad?", The Wire, April 2020.
- "Composition Terribly Skewed, Higher Levels Bastion of Upper Caste Males" (with Shreya Tripathy), Outlook, February 2020.
- "Whose count of judges is it anyway?" (with Prashant Reddy T) The Economic Times, July 2019.
- "Tacking FGM in India: Is it time for a new law?", Oxford Human Rights Hub Blog, March 2018. [Link](#).

### SPEAKING ENGAGEMENTS AND EVENTS:

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- Panelist, webinar on *Empirical Research in Legal Policy: Skills and Prospects*, organized by the Gujarat National Law University, May 2020.
- Panelist, conference on Opening up the Justice System (in collaboration with Agami and Indian Kanoon), Constitution Club, New Delhi, September 2019.

### PAPER PRESENTATIONS:

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- "Broken Pieces: A Qualitative Study of the Uncoordinated Response to COVID-19 in India" at Social Outcomes Conference, 2021 hosted by Blavatnik School of Government, University of Oxford (9 September 2021).

### VOLUNTEERING EXPERIENCE:

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- Oxfam Charity Shop Volunteer, Holloway Road, London (May 2021 – December 2021)
- Education Support and PR Volunteer at Make A Difference (2015-16)

### CERTIFICATE COURSES

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- Data Science with Knime Analytical Software (November 2023)
- Inferential and Predictive Statistics for Business, Coursera (August 2023)
- Management Development Programme, Indian Institute of Management, Bangalore (June 2022)

### LANGUAGES:

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- English, Hindi