

# MANYA KHANNA

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## Education

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### Indian Institute of Technology Jodhpur

CGPA: 8.24/10

*Msc. Computational Social Science (Specialization in Mathematical and Computational Economics)* 2022 - 2024

### O.P. Jindal Global University

CGPA: 7.108/8

*B.A. Hons. Economics* 2018 - 2021

## Experience

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### Center for Creative Leadership

June 2024 - present

*Research Analyst*

*Gurugram, India*

- Conducted statistical analysis & modeling, and data visualization for impact assessment products, delivering actionable insights to support strategic decision-making across the Education, Nonprofit, Health sectors.
- Led the redesign and automation of the Societal Impact Quarterly Data Snapshot, transforming a fully manual internal report into a streamlined, insight-rich product aligned with organizational branding and reducing preparation time by 90%.
- Developed a custom web scraping tool in R to automate data extraction from the internal Data Service Repository (DSR); streamlined JSON data processing and local storage, cutting down manual effort and reducing error in program data analysis.
- Designed automated reporting systems for key clients, improving reporting efficiency by 95% while ensuring consistency, data integrity, and alignment with program impact goals.
- Supported strategic business development by contributing data-driven insights for proposals, aligning evaluation findings with client value propositions to strengthen brand positioning and drive revenue growth.
- Took on dual responsibilities as Research Analyst and Interim Project Manager during an organizational transition, successfully managing the setup, generation, and communication of 30+ End of Program (EOP) and Return on Leadership Learning (ROLL) reports within a 3-month span—ensuring seamless delivery and client communication.

### Observer Research Foundation

Jan 2024 - May 2024

*Research Intern*

*Kolkata (Remote), India*

- Master's Capstone Project: Developed an objective framework for sovereign credit ratings. Performing data cleaning, processing, and analysis in R.
- Provided research assistance for a project on affirmative action in India, consolidating 30+ large datasets using R resulting in a significant reduction in analysis time and improved data accessibility.
- Assisting in creating reports translating research findings into actionable insights for suitable policy recommendations to policymakers.

### Altigreen Propulsion Labs

May 2023 - Jul 2023

*Data Science Intern*

*Bengaluru, India*

- Enhanced Altigreen vehicles' range prediction accuracy from 85% to > 90% by developing a novel Light Gradient Boosting Machine (LGBM) model and a mathematical formula for electric vehicle range estimation leading to improved customer confidence and potentially increased sales.
- Presented findings and solutions to company executives through reports and presentations, facilitating informed decision-making regarding electric vehicle range estimation.

### Pricewaterhouse Coopers (PwC)

Oct 2020 - Dec 2020

*Consulting Internship*

*Gurugram (Remote), India*

- Analyzed data from 10+ competitors to identify key market trends and growth opportunities in the executive coaching industry, contributing to the development of a successful market expansion strategy.
- Identified growing demand for Leadership, Managerial, and Collective team & Organizational coaching in India.
- Compiled 20+ comprehensive reference materials on various executive coaching models and methodologies, creating a valuable resource for the client's internal use, which streamlined their coaching program development process.

## Skills

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**Languages:** R, Python, Sata

**Workflows & Data Integration:** Git & GitHub, Azure, MS Office and Microsoft Excel, PowerBI (basic)

**Statistical & Analytical Techniques:** Applied Econometrics, Causal Inference Techniques, Time Series Analysis, Psychometric & Statistical Modeling, Data Visualization, Machine Learning Applications

**Others/Stakeholder Collaboration:** Project Management, Problem solving, Experience working with international cross-functional teams

## Projects & Publications

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**Research Paper- Under Review** | *Co-author, Independent Researcher* **2025**

- The Impact of Meteorological Factors on Crop Price Volatility in India: Case studies of Soybean and Brinjal

**Blog** | *Part of Master's Capstone Internship at ORF* **2024**

- Title: Sovereign Credit Ratings: A Critique

**Publication** | *Chapter in a Book on E-waste Management* **2022**

- Khanna, M., & Das, A. (2022). Chapter 6: E-waste Management in India – A Case Study of Vizag, Andhra Pradesh. In Book Paradigm Shift in E-waste Management. Taylor & Francis Group, CRPC Press

**Measuring Wellbeing** | *Undergraduate Final Year Project* **2021**

- An attempt to measure well-being using GDP, HDI and Happiness Index datasets
- Tools Used : R, Excel

## Certifications

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**Better Conversations Everyday** | *Center for Creative Leadership* **2025**

- Two-day training program by CCL
- Skills acquired: Situation Behaviour Impact (SBI) method, Constructive Feedback, Communication, Leadership Development

**Professional Diploma in HCI for UI and UX** | *Bangalore School of Design (Online)* **2022 (6 months)**

- Skills acquired: UX Research, User Experience Writing, Wire-framing, Figma (Software), Design Thinking, User Research, User Experience & Usability

**Model Thinking** | *University of Michigan (Coursera)* **2019**

- Skills acquired: Economics, Strategic Decision Making, Mathematical Modeling, Game Theory, Statistics

## Hobbies

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Origami, Reading & Annotating Books, Cycling, Jazz Enthusiast, Baking