

KHUSHBOO ASHRA

RESEARCH ANALYST | ECONOMIC & SUSTAINABILITY ANALYTICS

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SUMMARY

Research Analyst with experience in **economic policy evaluation, sustainability analytics, and quantitative modelling** across emerging market contexts. Skilled in **regression analysis, PLS-SEM, stakeholder research, and structured data interpretation**. Experienced in delivering **evidence-based insights, sector analysis, and policy impact assessments**. Proficient in **Python, R, Tableau, and BigQuery** for **data analysis and visualization**.

COMPETENCIES

Economic & Sector Research, Policy Impact Assessment, Quantitative & Qualitative Analysis, Regression & Structural Modelling, Stakeholder & Market Analysis, Sustainable Finance & Climate Analytics, Research Reporting & Insight Generation, Data Visualization & Dashboarding

RESEARCH METHODS AND TECHNICAL SKILLS

- **Economic & Policy Methods:** Survey Design, Policy Evaluation, Regression Analysis, PLS-SEM, Hypothesis Testing, Qualitative Thematic Analysis
 - **Software/Programming Languages:** Tableau, BigQuery, Python, R, SmartPLS, Microsoft Office, Advanced Excel
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RESEARCH EXPERIENCE

Research Assistant, Business Economics, Maharaja
Agrasen College, University of delhi

Nov 2024-Nov 2025

- Conducted **mixed methods research** under a Ministry of Education research project sponsored by the **Indian Council of Social Science Research (ICSSR)**, examining sustainable agriculture, agritech innovation, and policy effectiveness in India.
- Performed policy and literature review, **designed questionnaires based on the Unified Theory of Acceptance and Use of Technology (UTAUT)**.
- **Collected primary data** from the stakeholders belonging to different parts of India using interviews, group discussions and schedules.
- Analyzed the primary data using **PLS-SEM** (Partial Least Squares - Structural Equation Modelling) method and the secondary data using the **Matrice d'Impacts Croisés Multiplication Appliquée à un Classement (MICMAC) analysis** to identify structural policy barriers.
- Prepared the project report titled, "Assessing the potential of Agritech start-up ecosystem for young innovators in India: Prospects and Challenges in the Wake of Government Initiatives".
- Led the research team of 4 members and facilitated the research right from scratch
- **Organised an international conference** on Agriculture 4.0 and Sustainable Farming to foster a policy research dialogue among various stakeholders.
- **Contributed 2 book chapters (Forthcoming) and 2 research papers (under review)**, providing policy recommendations for the regulatory bodies and implications for the agritech startups.

Instructor, Coding and Math, Whitehat Ed. Technology

Sep 2020-Apr2024

- Delivered structured instruction in **block programming (JavaScript) and quantitative reasoning** to international students (**US, India, Australia**).
- **Simplified complex technical concepts into structured learning modules**, strengthening **analytical communication** skills.

- Collaborated with curriculum development teams to refine learning frameworks and instructional design.
- Maintained consistent **5/5 performance rating** through **stakeholder (parent) engagement** and **outcome-driven delivery**.
- Participated in Hackathons and regular teacher development training including the, "Leader of Learning Experiences by Intel".

EDUCATION

Master of Commerce

Aug 2022-Jun 2024

University of Delhi

- Major in Finance
- Final CGPA: 7.52/10

Bachelor of Commerce (Hons)

Aug 2018-Jun2021

University of Delhi

- Final CGPA: 8.554/10

PROJECTS AND PUBLICATIONS

Journal Articles:

- Prof. Pratibha Rai, A Jiran Meitei, Sonali Chadha; **Khushboo Ashra**, "Explaining Greenhouse Gas Emission Drivers Across Developed and Developing Economies: Evidence from an Explainable Machine Learning Framework (Under Review)
- Dr. Rashmi Goel, Ms. Simona Dutta, **Ms. Khushboo Ashra**, " Financial Transformation: A Comparative Analysis of Axis Bank and Citibank Pre and Post Acquisition Through Financial Modelling." (*Under review*)
- Ms. Simona Dutta, **Ms. Khushboo Ashra**, "Can a modified UTAUT explain youth adoption of sustainable investment when asset-specific perceptions are considered? - Evidence from India" (Under Review)

Book Chapters:

- **Khushboo Ashra**, "From Sustenance to Enterprise: Leveraging Entrepreneurship, Policy and Incubation for a Profitable Indian Agricultural Sector" (Accepted, Forthcoming).
- Ms. Simona Dutta, **Ms. Khushboo Ashra**, "Policy Innovations for Viksit Bharat: Insights, Challenges and Strategic Pathways" (Accepted, Forthcoming).

TRAININGS AND CERTIFICATIONS

- **Google Data Analytics Professional Certificate**
- **UGC-NET** University Grants Commission Qualified for Assistant Professor and Ph.D. with a 98.4716621 percentile in Commerce
- AICTE Training And Learning (ATAL) Academy Faculty Development Program on Innovating Agritech for **Sustainable Tomorrow: Aligning with SDG Goals**
- Faculty Development Programme on **Questionnaire Development and Data Analysis with R**
- Green, Social and Sustainability Bonds: **Sustainable finance solutions for emerging markets** by The World Bank
- Asset Management Job Simulation by JP Morgan Chase Corporate Finance: Environmental, Social and Governance(ESG) by LinkedIn Learning
- **Statistics Fundamentals** by Corporate Finance Institute

PERSONAL DETAILS

- Date of Birth: 21 June 2000
- Languages: English, French, Hindi, Punjabi
- References available on request