

Yogesh Rajput

Data Analyst

Email: yogeshrajput@hotmail.com

Phone: +49-176-37080366

Address: Johannstraße 4, Aachen, 52078

LinkedIn: [linkedin.com/in/yrajput/](https://www.linkedin.com/in/yrajput/)

GitHub: <https://github.com/Yogesh-Rajput>



About Me

Driven by a passion for data and its power to drive change, I have transitioned from a journalistic background to a thriving career in data analytics. My experience includes working with global teams — across corporate, government, and media houses — to implement solutions that enhance efficiency and deliver insights. I am committed to transforming complex data into clear, actionable strategies that drive business outcomes.

Education

M.Sc. Data Analytics and Decision Science | RWTH Aachen University

OCT 2022 – MAR 2025

Aachen, Germany

Key Modules: Machine Learning, Optimization Models, Management and Technology Perspectives

Project: Master Thesis

- Compared 3 large language models (LLMs) — ChatGPT, Gemini, and Copilot — in building optimization models used in logistics and supply chain decision-making
- Results showed ChatGPT significantly outperforming its counterparts — up to 30% higher success rate
- **Tech Stack:** Python (pandas, matplotlib), Gurobi (gurobipy)

Project: Operations Research Analytics

- Assisted a multinational logistics firm in optimizing their delivery routes and warehouse layouts
- Process included data gathering and cleaning, formulating mixed-integer programming models, and visualizing and interpreting results
- **Tech Stack:** Python (pandas, numpy, matplotlib, scikit-learn, geopy, pyclustering), Gurobi (gurobipy)

B.Sc. Statistics | University of Delhi

AUG 2008 – JUL 2011

New Delhi, India

Key Modules: Probability Theory, Statistical Methods, Econometrics

Work Experience

Intern – Supply Chain & Logistics | Bayer

OCT 2023 – APR 2024

Leverkusen, Germany

Project: Automated Error-Detection Model

- Built a model in SAP Analysis for Office to automatically detect anomalies in demand forecasts
- Leveraged statistical measures such as standard deviation and interquartile range in model framework
- Model flagged errors in real-time, reducing manual effort by ~20%

Project: Model Testing

- Validated inventory optimization models addressing overstock and understock at company sites
- Extracted large datasets, executed test cases, analyzed model performance, and visualized results
- Refinements ensured reliable model behavior during the implementation phase

Project: Training Material

- Created training modules on safety stock adherence, inventory discrepancies, and scrap write-offs
- Modules aided in seamless onboarding of new employees by reducing their learning curve

Senior Analyst | KPMG

MAY 2018 – OCT 2021

Gurugram, India

- Leveraged historical and real-time data across manufacturing, logistics, and financial services industries, translating key statistics into actionable business insights for clients
- Reviewed client reports (M&As, proposals, due diligences) on aspects of data accuracy and content
- Directly communicated with onshore (Partners, Directors) on key deliverables and project timelines
- Regularly collaborated with the design team to create content for business reports, case studies, white papers, and blogs across business verticals

Sub-Editor | Election Commission of India

FEB 2017 – MAY 2018

New Delhi, India

Project: How the World Votes

- Conducted a 6-month research, benchmarking automated voting methodologies across 100+ countries
- Findings culminated in the publication *How The World Votes*, referenced by election officials worldwide in enhancing their understanding on electronic voting systems globally

Project: Media Outreach

- Drafted press releases on election updates & events; documented conferences on electoral training

Sub-Editor/Correspondent | Governance Now

DEC 2014 – FEB 2017

Noida, India

- Implemented an AI-based web search tool for detecting plagiarism in news articles
- Authored and edited [news and feature articles](#) for both print and digital platforms

Trainee Correspondent | The Indian Express

JUN 2013 – JUL 2014

Chandigarh, India

- Reported on crime and traffic in the local city, delivering [breaking news and investigative stories](#)

Intern | Centre for Legislative Research and Advocacy

MAY 2009 – JUN 2009

New Delhi, India

- Prepared a report on Budget 2009-10, evaluating the impact of fiscal measures on societal development, under the mentorship of Dr. EMS Natchiappan (former Parliamentarian)

Skills

IT Tools: **Proficient:** Power BI, SAP Analysis for Office, Gurobi, LaTeX, Excel, PowerPoint

Intermediate: Python (pandas, numpy, matplotlib, seaborn), SQL (DAX, slicer)

Languages: English (Fluent), German (Basic), Hindi (Mother Tongue)