

# Vashishth Doshi

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## Education

- Carnegie Mellon University**, Heinz College of Information Systems and Public Policy Pittsburgh, PA  
**Master of Science in Public Policy Management – Data Analytics** Expected May 2026
- Coursework:** Applied Econometrics, ML with Python, Database Management for Policy, Policy Innovation Lab, Smart Cities: Growth and Transportation, Responsible AI, International Policy Perspectives, Data Visualization, Optimization
- Pandit Deendayal Energy University (PDEU)**, School of Liberal Studies Gandhinagar, India  
**Bachelor of Arts (Honours) in Economics, with Public Administration Minor**; CGPA – 9.21/10 May 2024
- Research Dissertation:** “Impact of trade, economic growth and transport infrastructure on CO<sub>2</sub> emissions of India”

## Skills

- Technical:** Python – NumPy, pandas, matplotlib, seaborn; PostgreSQL; MongoDB; R Studio; E-Views; IBM-SPSS
- Qualitative:** Policy Research; Evaluation and Design; Impact Analysis; Qualitative Framework Building

## Projects

- Policy Innovation Lab (Fall 2024):** Curated Eval-AI, an open source GenAI compliance solution that enables firms to evaluate their GenAI models on national US AI regulations and Responsible AI principles
- Digital Twins in Public Policy (Fall 2024):** Researched case studies and applicability of digital twins in policy, whilst recommending roadmaps for implementation across use cases
- Data Visualization Project (Fall 2024):** Analysed ratings and price data of airBnBs in LA, NY, Chicago and DC to understand contributing factors and their influence on either – using correlation analysis, keyword analysis, title optimization and visual plots
- Python Project (Fall 2024):** Analysed usage and perception of Highmark’s Student Health Insurance and created a program to explain health insurance – with the option to allow users to compare costs under SHIP coverage to no insurance as well as other local insurance

## Relevant Experience

- Centre for Law and Economics, Gujarat National Law University** Gandhinagar, India  
Student Research Intern May 2023 – July 2023
- Led data-analysis work using frequency analysis with Mann Whitney’s U, Kruskal Wallis, Cramer’s V and Fischer-Friedman tests for sensitive datasets
  - Designed conceptual framework for two impact analysis projects in criminal law and corporate finance
  - Conducted review of literature
- United Nations Global Compact Network, India** Remote  
Research Intern Apr 2022 – Aug 2022
- Measured impact through analysis of liberalization of the education sector in India, contextual to the aims of SDG 04 for the UN
- Lokniketan Trust** Banaskantha, India  
Intern Dec 2021 – Jan 2022
- Conducted workshops for up-skilling 20 Grade 3 – Grade 10 students of various socio-economic backgrounds in computer application, language proficiency, sports and teamwork
  - Carried out impact analysis of rural agriculture and water access programs, and Amul’s milk collection process
  - Undertook demographic analysis (population, gender and caste dispersion, literacy etc) and district mapping using GIS tools - Gram Maanchitra and Bhuvan-ISRO

## Leadership

- CMU Graduate Consulting Club**, Vice President of Internal Affairs (Sep 2024-Present)