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); GPA – 3.67/4.0   Expected May 2026
- **Coursework:** Machine Learning with Python, Database Management for Policy, Applied Econometric, Responsible AI, Smart Cities: Growth and Transportation, 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_2 emissions of India"

Skills

- **Technical:** Python – pandas, matplotlib, sklearn; PostgreSQL; MongoDB; R Studio; E-Views; IBM-SPSS; MS Excel
- **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
- **Responsible AI Project (Fall 2024):**
  - Analysed county datasets to check bias and its implications in risk predicting AI models along COMPAS designs
  - Proposed policy designs to align AI adoption by industry to ethics and environmental guardrails
- **Data Visualization Project (Fall 2024):**
  - Analysed ratings and price data of airBnBs in LA, NY, Chicago and DC to identify correlation and causal interference using keyword analysis and title optimization.
  - Visual storytelling using pandas and visualization libraries
- **US - China Policy Memo (Spring 2025):**
  - Sample memo explaining Chinese economic and military transformation
  - Recommends 2-fold policy measures for proactive economic posturing and crises management mechanisms

Relevant Experience

Centre for Law and Economics, Gujarat National Law University   **Gandhinagar, India**
Student Research Intern   May 2023 – July 2023
- Designed conceptual framework for two impact analysis projects in criminal law and corporate finance
- Led data-analysis work using frequency analysis with Mann Whitney's U, Kruskal Wallis, Cramer's V and Fischer-Friedman tests for sensitive datasets
- Conducted review of literature

United Nations Global Compact Network, India   **Remote**
Research Intern   Apr 2022 – Aug 2022
- Analysis and impact measurement of education sector- liberalization in India under Sustainable Development Goal 04 outlines.

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 land 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)