

# DISHA PANSURIYA

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## EDUCATION

### Northeastern University | Boston, MA

Master of Science in Economics, Econometrics, and Quantitative Economics

Expected May 2025

GPA:3.89/4

**Relevant Experience:** Teaching Assistant for Microeconomics, guided 39+ students throughout the coursework

### Mumbai University | Mumbai, India

Bachelor of Arts, Majors in Economics

May 2023

**Certification:** Swayam Soft Skills Silver medal holder issued by University of Mumbai

GPA:9.97/10

## SKILLS

**Software:** R, Excel, STATA, Tableau, Power BI, Microsoft Office, PowerPoint, SQL, Econometrics, Hypothesis Testing, Python

**Economic:** Pricing, Statistics, Market Research, Consumer Insights, Forecasting and Predictive Modelling, Strategy Development, Policy Analysis, Data Analytics and Interpretation, Writing and Reporting, Machine Learning & AI in Economics

## EXPERIENCE

### Quantitative Data Analyst - Northeastern University | Boston, MA

January 2024 – Present

- Collected and cleaned large datasets from American Community Survey using R, for the greater Boston area, leading to precise spatial analyses, compelling data visualizations, and active community engagement.
- Led an interdisciplinary, international research team studying the relationship between gentrification, risk of residential displacement, and climate change.

### Research Assistant - Northeastern University | Boston, MA

January 2024 – Present

- Applied R-based economic models for renewable energy usage emphasis, shifting public perception through cost-benefit and supply-demand analysis, fostering positive mindset change
- Developed and applied analytical models to address core issues in renewable resource usage, fostering active campaigns and on-ground initiatives for developing countries
- Proposed in-depth exploration revealing a 40% increase in the efficiency of offset evaluation and precise analysis of the market

### Data Research Analyst Intern - Eco Saathi | Mumbai, India

December 2022 – August 2023

- Devised market research & data analysis using Excel and SQL, aiding informed decisions for 15% revenue growth
- Implemented time series model in anticipating global business opportunities leading to revenue growth of 25% for future anticipated market, resulting in successful implementation of product lines into the market
- Crafted insightful blogs for Eco Saathi's website, providing predictions and forecasting for sustainable products and market trends

### Economic Analyst Intern, Team Leader - Mira Bhayander Municipal Corporation | Thane, India

December 2021 – May 2023

- Enhanced city's water and environmental education conditions by 30% by engaging stakeholders and presenting impactful regression analysis in these sectors using PowerPoint
- Interacted directly with citizens to discern core issues, scrutinized extensive datasets for robust policy implementation, cultivating informed decision-making and favorable outcomes
- Led 50+ impactful on-ground activities, providing hands-on exposure to project outcomes and enhancing strategic decision-making

## RESEARCH PROJECTS

### Discrepancy Between South Africa's GDP Growth and Standard of Living

November 2023 – December 2023

- Analyzed living standards outpacing GDP, using R for data organization, and employing multiple regression to enhance the analysis
- Developed a predictive model for the country's major living standards to improve leading to disapproval of GDP as the sole indicator and presented key performance indicators using PowerBI for accessible data insights

### Wings Fellowship, Mira Bhayandar Municipal Corporation

December 2021 – February 2023

- Executed Excel & Power BI to empower 5000+ widows, a 50% surge in participation, enabling women to be independent
- Guided the Wings Fellowship initiative, establishing criteria for volunteers, target areas, and policies, impacting 10,000+ women nationwide for transformative change

## VOLUNTEERING

- Owned & fostered online presence, collaborated with 600+ brands, gained 20,000+ followers strategically through consumer insights.
- Instructed economics to 1000+ underprivileged teenagers, established sustainable programs for essential education practices.
- Organized 15 economic games for 5000+ participants, led sponsorship finance, secured partnerships with 50+ brands.