

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

CGPA:9.97/10

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

EXPERIENCE

Research Assistant, Northeastern University, Boston, MA

December 2023-Present

- **(Cultural Inclusion, Dr.Venkatesan, Madhavi)** Conducted multiple regression analysis to assess the historical impact of globalization by over 50% on cultural identity
- Developed a research framework incorporating advanced econometric models such as panel data analysis, resulting in a 15% improvement in accuracy for predicting economic trends
- **(California's cap-and-trade carbon market, Prof Sparks, Roger)** Utilized economic models, including cost-benefit analysis and supply-demand modeling, using R resulting in a 25% increase in the precision of market trend predictions
- Proposed in-depth exploration revealing a 30% 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 for business growth
- 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

- Achieved a 30% improvement in city conditions by engaging stakeholders effectively and presenting regression analysis findings in water, environment, and education sectors in Thane city using PowerPoint
- Integrated and documented national-level policies like the 'Safai Suraksha Challenge 2022' and 'Jal Shakti Abhiyan', resulting in the municipal corporation receiving the 'Best City Award' and securing funding for future projects
- Spearheaded over 50 impactful on-ground activities, offering practical exposure to project outcomes, and enhancing strategic decision-making for effective community development

RESEARCH PROJECTS

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

November 2023-December 2023

- Conducted detailed analysis of South Africa's GDP growth vs. standard of living, using advanced Excel for insightful time-series trends with an average 0.40% growth of GDP in last five years
- Employed Power BI to create a dashboard, highlighting positive trends: 22 Social Policy Network possession increase since 2015 and reduced monthly cost from R8,327 to R6,034 per capita

Wings Fellowship, Mira Bhayandar Municipal Corporation

December 2022-February 2023

- Executed Excel(pivot tables, index/match) and Power BI to empower 5000+ widows, a 50% surge in participation, and impactful socio-economic transformations enabling women to achieve financial independence
- Guided the Wings Fellowship initiative, establishing criteria for volunteers, target areas, and policies, impacting 10,000+ women nationwide for transformative change

Impact of Graded Autonomy on National Education Policy 2022

March 2022-May 2023

- Enforced award-winning research, employing hypothesis testing and SQL analysis on 1500+ responses to evaluate opinion on policy
- Collaborated with policymakers, providing actionable recommendations to align education practices with National Education Policy 2022 objectives, influencing a 30% increase in advanced learning practices

LEADERSHIP

- Food Content Creator: Fostered online presence, collaborated with 600+ brands, and drove substantial foot traffic, gaining 20,000+ followers through strategic planning
- Teaching Associate (Evidyaloka Trust): Instructed economics to 1000+ underprivileged teenagers, established sustainable programs, and delivered essential education practices
- Organizing Committee Member (Jai Hind College): Designed and executed 15 economic games for 5000+ participants, led sponsorship finance, and secured partnerships with 50+ brands
- Vice-President of Master's Student Association of Economics, engaging with stakeholder and conducting insightful seminars

SPECIALIZED SKILLS

Software Skills: R | Excel | STATA | Tableau | Power BI | Microsoft Office | PowerPoint | SQL | Econometrics | Hypothesis Testing |

Skills: Forecasting and Predictive Modelling | Economic Research | Strategy Development | Diversity and Inclusion | Project Estimation | Policy Analysis | Statistics | Teamwork | Data Analytics and Interpretation | Qualitative and Quantitative Research | Microeconomic and Macroeconomic Knowledge | Writing and Reporting |