

Lalit Sethia (April-24)

Ph: 6179016636 • [Email](#) • [Website](#) • [LinkedIn](#)

SUMMARY

• Economist and data scientist with 8+ years of experience performing qualitative and statistical research • 2+ years of healthcare investment banking experience creating pitchbooks and valuation models for M&As

TECHNICAL SKILLS

• Data processing • Causal inference • Econometric modelling • Time-series forecasting • Structural modelling and validation • Machine learning methods • Financial Modeling • Python, R, Stata, MATLAB

EXPERIENCE

Research Economist, Ph.D. Candidate, Boston University

2016-Present

- Designed and executed end-to-end projects in international-, and macro-economics; quantified the impact of travel costs on international trade, and the relation between firm-size and technology adoption.
- Exploited quasi-experimental settings to apply causal inference methods like diff-in-diff, synthetic controls, and instrumental variable; identified a causal link between business travel and international trade.
- Developed and validated structural models of static and dynamic economic behavior; simulated changes in policies and technologies to predict changes key economic variables.
- Used Python, R, and Stata for econometric analysis and data visualization, and MATLAB for model validation.
- Constructed datasets by mining and combining data from various sources including web scraping and APIs.
- Prepared over 80 pages of original reports; developed documenting skills balancing expository clarity and conciseness for effective and efficient communication of information.
- Managed multiple projects while collaborating and coordinating with peers, faculty, and research assistants; Presented findings in workshops, seminars, and conferences.

Data Science/Graduate Econometrics, Teaching fellow

2021-Present

- Developed strong presentation skills with 3+ years of designing and leading discussions for over 500 students.
- Taught linear algebra, probability theory, optimization methods, and statistics and econometrics.
- Introduced machine learning fundamentals such as stochastic gradient descent, regularization, decision trees, k-NN classification, and neural networks.

Consultant, World Bank, Washington D.C., US

Summer-2019

- Proposed improved measurement of poverty using realistic household preferences that account for increasing share in non-food consumption with income.
- Highlighted the importance of choice of price index under the new preferences with simulations.

Investment Banking Associate (Healthcare), UBS-VKS, India

2011-2014

- Created detailed pitch decks for M&A advisory for the global healthcare markets with emphasis on the US; assisted the team that closed the \$7.3bn Coventry-Aetna merger.
- Performed market research, firm valuations, target screening, and due diligence.
- Communicated with clients, coordinated with team members and quality checked output, delivered on tight timelines, and mentored junior members.

EDUCATION

Ph.D., Economics, Boston University	2024 (expected)
M.Sc., Quantitative Economics, Indian Statistical Institute	2016
B.Tech., Biotechnology, National Institute of Technology	2011

FELLOWSHIPS

Graduate Student Fellowship, Boston University	2016-2022
Merit Scholarship, Indian Statistical Institute	Fall-2015
Summer Fellowship, Indian Academy of Science	Summer-2010

PERSONAL

-
- **Citizen:** Indian • **Languages:** ENGLISH (Native), HINDI (Fluent)