

Rizwanur Rob

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Skills

- Cleaning, assembling, and analyzing large datasets to create structural, regression, and predictive models using Stata, Excel, and Python (Pandas, NumPy, Natural Language Processing).
- Visualizing large datasets to identify and summarize important insights and reports using Tableau, Stata and LaTeX
- Creating useful, informative, and interactive dashboards using Tableau.
- Workday and Workday Report Writing, Informer, Ellucian Colleague, Slate, Qualtrics
- Presenting and communicating data and results to a large and varied audience.

Experience

Senior Research Analyst, Institutional Research at Suffolk University 2022 – Present

- Developed, deployed, and maintained over a dozen interactive dashboards in Tableau to support enrollment and retention, course planning, program review, grade distribution, course evaluation, and campus climate, delivering easy and quick access and insights for deans, public affairs, and academic departments
- Built strong cross-functional partnerships with other offices across the institution including Finance, Student Affairs, Student Success, and Dean's offices and academic departments, enabling faster response to ad hoc data needs and supporting collaboration and increased data-driven decision making on strategic initiatives.
- Led presentations, training workshops and walkthroughs of new dashboards, predictive model analysis, translating complex issues into clear key takeaways for both technical and non-technical audiences.
- Led multiple projects including annual FVT/GE reporting, analyzing specific net revenues and profitability of academic programs and departments, campus climate survey data analysis, data submissions for US News rankings, Factbook, program specific accreditation for CAHME and NASPAA.
- Worked with external data partners including the National Student Clearinghouse, HelioCampus and DataKind to maintain and validate student data as part of these external partnerships
- Implemented the use of Natural Language Processing (NLP) tools for qualitative data analysis to semi-automate large surveys with open-ended responses.
- Mentored graduate students as fellows in the IR office and helping them work through year-long institutional research supporting projects

Adjunct Lecturer at Northeastern University 2018 – 2022

- Received excellent evaluation scores between 4.5 - 4.8 out of 5.0 while teaching Principles of Macroeconomics and Microeconomics classes of 30-50 students.
- Created interactive instructional lecture videos, assignments, and additional supporting material for asynchronous and synchronous remote learning
- Designed and taught a course in Law and Economics, a 3000-level elective.

Teaching Assistant at Northeastern University 2015 – 2018

- Taught recitation classes for introductory Principles of Macroeconomics and Principles of Microeconomics
- Coordinated and guided a team of 4-5 teaching assistants in my role as Head TA.
- Regularly substituted for 150+ student lectures when the head instructor was unavailable.

Academic Research

Ph.D. Researcher

2016 - 2024

Investigated current issues in education, labor and industrial organization economics that have significant policy implications in terms of nutrition in schools, and effect of regulators on large firms, which included cleaning and constructing large data sets of hundreds of thousands of rows and then using classification models, machine learning, and regression analysis to estimate the size of the effect of specific policies.

Working papers include:

- “Free lunches for all! The effect of school lunch programs on academic performance”
- “Microsoft vs EU: An evaluation of the effectiveness of an unusual behavioral remedy”
- “Flying disrupted: How the Boeing 737 Max crisis affected supply and routes in the US”

Presented research at several Economics conferences including the 2019 and 2018 Southern Economic Association 89th Annual Meetings and 2018 APPAM Fall Conference, Washington D.C.

Education

PhD in Applied Economics, ABD

2024

Northeastern University

Master of Arts in Economics

2015

Northeastern University