

SHREEYESH MENON

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PROFILE

I am a 4th year PhD student at UT Austin interested in monetary economics. My research involves modeling how agents learn from macroeconomic data and form beliefs. Specifically I like to investigate how mis-specified beliefs and slow learning on the part of Central Banks can have real effects on the economy.

EDUCATION

University of Texas at Austin

PhD, Economics (2020-ongoing)

University of New South Wales, Sydney

M.Phil, Economics (2018-2020)

Indian Institute of Technology, Bombay

B.Tech, Engineering(2013-2017)

SKILLS

Programming: MATLAB, Python and Julia

Database: SQL

RESEARCH INTERESTS

Time series analysis, Information economics, Dynamic Programming, Reinforcement Learning, Causal graphical models in time-series

TEACHING

Python, Big Data and Data Analysis

Fall 2023

Energy Economics

Spring 2022

Python, Big Data and Data Analysis

Fall 2022

Urban Economics

Fall 2021

RESEARCH PROJECTS

Post-COVID Inflation and Central Bank Beliefs - Working Paper 2023

I propose a model of Fed learning where the Fed must learn about the persistence of inflation online. Under constant-gain learning, initially the perceived persistence of inflation is low but slowly rises as inflation remains elevated. I find that under full-information, the Fed would have raised rates about 55 basis points higher and lifted off the zero-lower bound about 3 months sooner than under online learning.

The FOMC Minutes effect - Working Paper 2022

Using a model of Diagnostic Expectations, I find that the financial markets overreact to forward guidance information present in the Federal Open Market Committee (FOMC) announcements and subsequently corrects when the corresponding minutes are released. Such an effect is not observed for information pertaining to the current Fed funds rate.