

# Position

Survey Research Assistant/Technical Associate 1, starting in 2024 for 1-2 years

# Location

Cambridge, Massachusetts, USA

# Job Description

We're seeking a talented Survey Research Assistant/Technical Associate 1 to evaluate the impact of Artificial Intelligence and other emerging technology adoption across US firms. In this role, you'll conduct data analysis and visualization for innovative survey projects that shape our understanding of technological adoption and economic impact.

# Project Overview

Broadly, our research maps technology usage (software, artificial intelligence, algorithms, hardware) among U.S. firms to uncover insights into its trajectory and impact on the national economy. We're seeking a skilled data analyst with a strong statistical background, survey experience, and expertise in R for advanced data wrangling, analysis, and visualization.

# Key Responsibilities

- Proficient/advanced programming and analysis skills in R (other languages are not sufficient)
- Clean, wrangle, and manipulate complex survey data using R
- Conduct advanced statistical analyses to identify relationships between variables
- Create compelling data visualizations to communicate results effectively
- Maintain meticulous records of procedures and analyses
- Meet project deadlines and deliver high-quality outputs
- Contribute actively to weekly progress meetings
- Interact with colleagues in the lab to discuss survey materials and results

# Required Qualifications

- Bachelor's degree in statistics, data science, economics, computer science, and/or another relevant field
- Availability to work full time
- Relevant research and/or work experience in survey research
- Excellent English communication skills (verbal and written)
- Ability to work in teams and make meaningful contributions to group/interdisciplinary projects
- Exceptional attention to detail and commitment to producing accurate, high-quality work
- Excellent organizational and documentation skills
- Ability to work independently, troubleshoot issues, and propose solutions
- Strong data analysis and visualization skills
  - Proven experience in survey data analysis (please provide previous code examples)
  - Advanced proficiency in R, including data wrangling/cleaning, and visualizations
  - Advanced ability to present complex information clearly

# Preferred Qualifications

- Master's degree in statistics, data science, economics, computer science, or another relevant field
- Coursework or experience in artificial intelligence, algorithms, hardware, software, and/or economics

# Appointment

The Survey Research Assistant/Technical Associate 1's primary appointment would be at MIT Sloan School of Management, as part of the Initiative on the Digital Economy.

# To Apply

1. Please submit your relevant transcripts and code examples to Brittany Harris at [bsharris@mit.edu](mailto:bsharris@mit.edu).
2. Selected candidates will be interviewed via Zoom. We are recruiting on a rolling basis and may close applications early if we find a suitable candidate, so please apply as soon as possible to maximize your chances.

## **About MIT FutureTech**

### **About Dr. Neil Thompson, the Director of MIT FutureTech**

Dr. Thompson is the Director of MIT FutureTech. Prior to starting FutureTech, Dr. Thompson was a professor of Innovation and Strategy at the MIT Sloan School of Management. His PhD is in Business & Public Policy from Berkeley. He also holds Master's degrees in: Computer Science (Berkeley), Economics (London School of Economics), and Statistics (Berkeley). Prior to joining academia, Dr. Thompson was a management consultant with Bain & Company and worked for the Canadian Government and the United Nations.

### **About the MIT Initiative on the Digital Economy (IDE)**

The MIT Initiative on the Digital Economy is a team of internationally recognized thought leaders and researchers examining how people and businesses work, interact, and prosper in a time of rapid digital transformation. It is housed at the MIT Sloan School of Management.

### **About the MIT Computer Science and Artificial Intelligence Lab (CSAIL)**

CSAIL is one of the world's top research centers for computer science and artificial intelligence (currently ranked #1). It has hosted 9 Turing awards winners (the "Nobel Prize of Computing") and has pioneered many of the technologies that underpin computing.