

Data Analyst Tufts University

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Posted Oct. 3, 2022, set to expire Feb. 15, 2023

Job Title	Data Analyst
Department	Tufts University
Institution	Tufts University Medford, Massachusetts
Date Posted	Oct. 3, 2022
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Coach
Academic Field(s)	Information Technology
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Job Description	

Overview

The mission of the Center for Applied Brain and Cognitive sciences (CABCS) is to bring together a unique interdisciplinary community of scientists and engineers to advance the state of the art in applied brain and cognitive sciences. The center provides an innovative environment for conducting collaborative applied research focusing on measuring, predicting, and enhancing cognitive capabilities and human system interactions for individuals and teams working in naturalistic high-stakes environments.

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What You'll Do

Collects and cleans data and performs data analysis. Applies statistical and machine learning methods to describe, summarize, and interpret data, and communicates results to inform decision making. Prepares statistical summaries and reports to interpret data, communicate results and inform decision-making. **This position is a limited term role, renewable annually, based on performance and budget availability.**

What We're Looking For

Basic Requirements

Knowledge and experience typically acquired by:

- Master's degree in related field, or Bachelor's degree with several years related experience
- Experience with data processing, analysis, and visualization software
- Ability to manage databases, construct data files, conduct and supervise data entry, and perform data edits/cleaning
- Experience in data quality control
- Ability to work both independently and collaboratively with team
- Strong writing skills and ability to prepare clear documentation
- Strong analytical skills
- Related software such as Python, MATLAB, Microsoft Excel, SQL, Tableau, SAS, and/or R

Preferred Qualifications

- Expertise in applying machine learning packages to process and interpret complex, multivariate and time-series data.
- Expertise in applying multivariate statistical models, including generalized estimating equations (GEE), linear mixed effects models (LMM), and LASSO regression.

An employee in this position must complete all appropriate background checks at the time of hire, promotion, or transfer.

Contact Information



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Contact

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