Graduate Teaching Assistant Needed for Data Science Courses

MSU’s Bachelor of Science in Data Science and Graduate Certificate in Data Science Pedagogy programs seek teaching assistants for Fall of 2023 and beyond. The positions start in August and include a stipend and tuition waiver. Our goal is to develop the Graduate Teaching Assistant’s ability to teach and deliver data science practices and concepts while providing experience in a team setting in all aspects of MSU’s mission of teaching, research, and service.

In Fall of 2023, we will offer: Data Science Literacy (Standard and Honors), Data Wrangling Lab, Data Visualization, Data Science Pedagogy 1, and a Statistical Inference Lab.

In Spring of 2024, we plan to offer: Data Wrangling Lab, Data Science Literacy, Data Acquisition, Data Science Pedagogy 2, Machine Learning / Artificial Intelligence Lab, Data Visualization Lab, and Data Science Computing (cloud, high-performance, quantum) Lab.

# Duties

Teaching assistants will:

* Assist with course delivery and grading,
* Participate in online discussions with students,
* Participate in Data Science Program events, activities, and research,
* Be available during lab hours to provide hands-on assistance to students using Python or R on personal computers in the context of data science assignments.

# Requirements

We prefer students who have a strong interest in data science, defined in general terms as the field that extracts knowledge from data and uses data to build smart systems. Students should possess good communication skills, good quantitative skills, and experience using Python or R to work with data. We are particularly interested in students with expertise in demography, applied statistics, social science statistics, or econometrics.

Please send a cover letter and resume or cv to Lynn Taylor, [lynn@datascience.msstate.edu](mailto:lynn@datascience.msstate.edu). Candidates who submit materials prior to May 1st will receive full consideration.