

## DSC-WAV Summer Workshop and Symposium (June, 2022)

The NSF-funded Data Science Corps: Wrangle, Analyze, Visualize Experiential Learning Program is pleased to invite you and/or your colleagues to participate in the upcoming Data Science Day:

### **“Data Science Symposium: Opportunities for Massachusetts Community Colleges” Monday, June 13, 2022**

The National Academies 2018 consensus study, “Data Science for Undergraduates,” recommended that: “to prepare their graduates for this new data-driven era, academic institutions should encourage the development of a basic understanding of data science in all undergraduates.” We’ve been excited by how new courses and programs in data science have been flourishing nationwide. But much work remains to make this a reality.

Community colleges play a critical role in data science pathways for undergraduates. An introductory data science course is a necessary if not sufficient prerequisite to make this happen. As part of our work on the DSC-WAV we have had the opportunity to partner with three institutions (Springfield Technology Community College, Holyoke Community College, and Greenfield Community College) as they explore expansion in this growing area.

To broaden the discussions and activities that have been happening, we are planning a “Data Science Symposium” as part of our week-long faculty development workshop entitled “Teaching Introductory Data Science in Massachusetts Community Colleges.”

We are inviting leadership (department chairs, deans, and presidents) to discuss the “State of the Commonwealth” in regards to associate’s to bachelor’s data science pathways in this one-day gathering.

Our goal for the symposium is to highlight barriers and identify creative solutions to facilitate teaching of a range of student-centered, pedagogically-sound introductory data science courses across the Commonwealth. We seek engaged faculty, chairs, and leadership to make connections across their campuses and across the state. Keynote speakers, project leadership, readings, and discussions will provide attendees with a rich understanding of the complex landscape of data science education in the Commonwealth, and illuminate possible forward paths.

The symposium will complement the program for the week-long workshop June 13-17th. We seek teams consisting of one or more senior leaders and between two to five faculty, with the latter group engaging for the rest of the week. However, individual faculty or senior leaders from an institution are welcomed to attend.

Please [register](#) your interest in attending as soon as possible and not later than April 25th. Depending on the response, participation may be limited.

More information about the DSC-WAV project can be found at <https://dsc-wav.github.io/www>

