



# HARVARD UNIVERSITY



DATA CAMP CASE STUDY

## How Harvard gets their students off on the right foot

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Over the past few years, Data Science has been a hot topic and its popularity continues to grow in numbers. As more individuals look to data science as a potential field of study, more data science curriculums and innovative education programs are emerging from academia.

Harvard University is a private, Ivy League research university whose history and influence have made it

one of the world's most prestigious universities. The team behind Harvard's Master of Science in Computational Science and Engineering (CSE) makes use of DataCamp's interactive courses and group features to get incoming students caught up on Python for programming for Data Science prior to the start of the semester.

## Where does DataCamp fits into the Master of Science in CSE?

Students that come into the CSE program do not necessarily all have the same academic background. Some students have past programming experience while other are new to the field.

By strongly encouraging incoming students to take DataCamp courses before the start of the semester, our students gain practical experience making sure they begin the semester more prepared. The benefit is that this creates a more equal playing field.

### HARVARD AT A GLANCE

- Harvard is the oldest institution of higher education in the United States.
- There are about 21,000 students attending Harvard, 14,700 are graduate students.
- The school's motto is «Veritas» (Latin for "truth").
- Harvard has 47 Nobel Laureates, 32 heads of state, 48 Pulitzer Prize winners.

## How does this benefit the instructors?

It saves them valuable lecture time. Since all students come in prepared, the instructors no longer need to focus on explaining the basic Python programming aspects. This creates more time for them to focus on the essentials of the course.

## What alternatives to DataCamp did you consider?

The alternative would be to allocate staff to develop this type of preparatory course material internally. Which is very time consuming.

DataCamp's offer of high-quality, self-paced content and straightforward, easy-to-use interface for both students and instructors made it our top choice to solve this problem. We envision this is something that could be rolled out to other use cases as well.

“ Using DataCamp, we create a more equal playing field for our students. ”

SHEILA G. COVENEY | PROGRAM MANAGER

# Scale data science education in your organization. Today.

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