

# Competitive Analysis

A look at top-ranked institutions' data science programs



## An Introduction

This document contains accumulated information regarding data science programs from top research institutions from around the country. The universities studied include UC Berkeley, Carnegie Mellon, Harvard, MIT, Stanford, and Yale. For each college, there is detailed information about the school's funding, faculty diversity, course structure, and research as it pertains specifically to each institution's data science environments. After carefully studying each school's involvement in data science, they were given a score out of ten for each of the five following categories:

**Interdisciplinary Faculty:** How diverse were there faculty in data science programs?

**CS/Stats Departments:** How well do these schools rank individually in terms of statistics and computer science.

**Industry Partners/Funding:** Do these school attract funding for their initiatives?

**Community:** Are there student organizations and events on campus creating a community for data enthusiasts?

**Education:** Does this school offer multiple degree paths for students to benefit from?

After evaluating institutions on these five categories, the college was given a total score out of 100 as an indication of how well each school fares in data science education in relation with the others.