

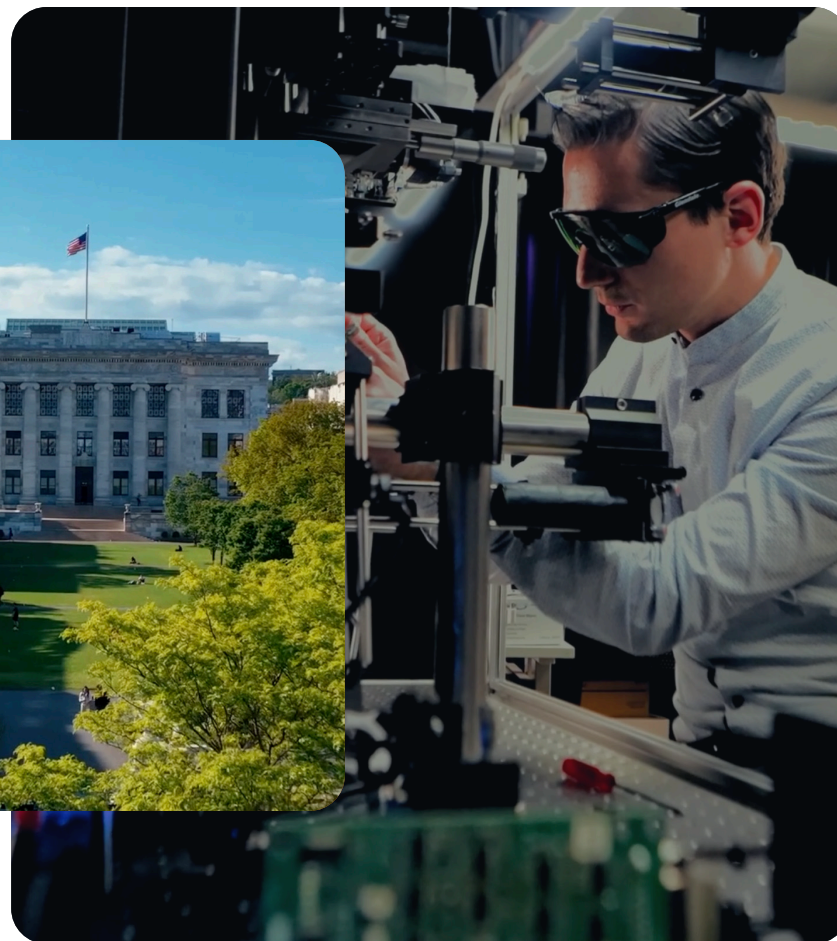


## CUSTOMER SPOTLIGHT

# Teaching medical decision making with Posit Cloud

### SUMMARY :

Harvard Medical School's Biomedical Informatics department streamlined its "Data Science for Medical Decision Making" course by adopting Posit Cloud. By moving away from local desktop configurations, the department eliminated the technical overhead of managing disparate R versions and package installations. This shift allowed students to focus on analyzing critical medical data and reproducing research results in a unified, cloud-based environment accessible from any location.



### ABOUT :

Harvard Medical School is a world-renowned institution dedicated to nurturing a diverse community of leaders and innovative investigators to alleviate suffering and improve health and well-being for all.

### INDUSTRY :

Academic

### SIZE :

12,500 faculty members

### TECHNOLOGY USED :

Posit Cloud

# The Challenge:

## Technical Overhead in the Classroom

Technical roadblocks stalled student learning and research reproducibility.

- **CONFIGURATION BARRIERS:** Maintaining consistent R and package versions across an entire class created massive administrative overhead for instructors.
- **REPRODUCIBILITY ISSUES:** Without a unified platform, it was difficult for students to reliably execute code and mirror the “code-first” methodology essential for modern biomedical research.



# The Solution:

## Standardized Classroom Deployments

Harvard transitioned the course to Posit Cloud, enabling instructors to deploy assignments via a simple link to a shared workspace. This provided students with immediate access to a pre-configured computational cluster, removing local installation hurdles and ensuring a standardized environment for every user.

- **STREAMLINED ONBOARDING:** The assignments view and built-in tutorials allowed for spectacular efficiency in student onboarding and project deployment.
- **TRANSPARENT METHODOLOGY:** The platform’s code-first approach enabled students to present papers while executing R Markdown code in real-time, directly addressing the reproducibility crisis in biomedicine.

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