

Research Data Analyst (6256U) 13997  
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=152144>

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Posted Dec. 22, 2020, set to expire Apr. 20, 2021

<b>Job Title</b>	Research Data Analyst (6256U) 13997
<b>Department</b>	
<b>Institution</b>	University of California, Berkeley Berkeley, California
<b>Date Posted</b>	Dec. 22, 2020
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Professional Staff
<b>Academic Field(s)</b>	Research Methods/Data Analysis
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**Job Description**

Research Data Analyst (6256U) 13997  
About Berkeley

At the University of California, Berkeley, we are committed to creating a community that fosters equity of experience and opportunity, and ensures that students, faculty, and staff of all backgrounds feel safe, welcome and included. Our culture of openness, freedom and belonging make it a special place for students, faculty and staff.

The University of California, Berkeley, is one of the world's leading institutions of higher education, distinguished by its combination of internationally recognized academic and research excellence; the transformative opportunity it provides to a large and diverse student body; its public mission and commitment to equity and social justice; and its roots in the California experience, animated by such values as innovation, questioning the status quo, and respect for the environment and nature. Since its founding in 1868, Berkeley has fueled a perpetual renaissance, generating unparalleled intellectual,

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economic and social value in California, the United States and the world.

We are looking for equity-minded applicants who represent the full diversity of California and who demonstrate a sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds present in our community. When you join the team at Berkeley, you can expect to be part of an inclusive, innovative and equity-focused community that approaches higher education as a matter of social justice that requires broad collaboration among faculty, staff, students and community partners. In deciding whether to apply for a position at Berkeley, you are strongly encouraged to consider whether your values align with our [\[url=https://apptrkr.com/get\\_redirect.php?id=2107133&targetURL=https://strategicplan.berkeley.edu/guiding-values-and-principles/\]](https://apptrkr.com/get_redirect.php?id=2107133&targetURL=https://strategicplan.berkeley.edu/guiding-values-and-principles/)Guiding Values and Principles, our [\[url=https://apptrkr.com/get\\_redirect.php?id=2107133&targetURL=https://diversity.berkeley.edu/principles-community\]](https://apptrkr.com/get_redirect.php?id=2107133&targetURL=https://diversity.berkeley.edu/principles-community)Principles of Community, and [\[url=https://apptrkr.com/get\\_redirect.php?id=2107133&targetURL=https://strategicplan.berkeley.edu/\]](https://apptrkr.com/get_redirect.php?id=2107133&targetURL=https://strategicplan.berkeley.edu/)our Strategic Plan[\[url=https://apptrkr.com/get\\_redirect.php?id=2107133&targetURL=https://strategicplan.berkeley.edu\]](https://apptrkr.com/get_redirect.php?id=2107133&targetURL=https://strategicplan.berkeley.edu).

#### Application Review Date

The First Review Date for this job is: January 1, 2021

#### Departmental Overview

The Graduate School of Education at the University of California, Berkeley is home to a diverse group of students and faculty joined by their common interests in understanding and improving the complex world of education.

Our students come here with a wealth of academic talent and professional experience, driven to make an impact as researchers, professional educators, leaders and innovators.

This is a position in the nascent field of Learning Analytics research. The purpose of the position is to assist with analysis of assessment and behavior data from big data sources in education such as massive open online courses (e.g.Berkeley), sensor data collected while students are learning, and historical enrollment data.

#### Responsibilities

\* Pre-processing of large datasets including data cleaning, annotation, joining

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- \* Connecting the analyses to real-time source of education data, including campus API systems
- \* Developing code which is organized and eventually documented well enough to be shared to a scientific community of peers
- \* Assisting in the interpretation of inferential statistics and their connection to formative actions a learner or instructor may wish to take as a result.
- \* Quality control of the analysis and deployment codebase so that the developed system can operate under higher than average demand conditions
- \* Assisting in the survey of related scholarly work for the project
- \* Co-authoring a scholarly article that summarizes the work and its outcomes
- \* Keeping in regularly scheduled communication with the PI and other individuals contributing to the project

### Required Qualifications

- \* Working knowledge of the programming languages of python and javascript
- \* Working knowledge of the web frameworks of node.js and sails
- \* Working knowledge of backend databases such as mongo
- \* Experience with writing peer-reviewed academic articles
- \* Working knowledge of neural networks applied using Python's Keras library
- \* Pursuing or completed bachelor's degree in related area and/or equivalent experience/training

### Salary & Benefits

This is an hourly paid (non-exempt) position. Rate will be commensurate with experience.

For information on the comprehensive benefits package offered by the University visit:

[url=https://apptrkr.com/get\_redirect.php?id=2107133&targetURL=https://ucnet.universityofcalifornia.edu/compensation-and-benefits/index.html]https://ucnet.universityofcalifornia.edu/compensation-and-benefits/index.html

### How to Apply

Please submit your cover letter and resume as a single attachment when applying.

### Equal Employment Opportunity

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual

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orientation, gender identity, national origin, disability, or protected veteran status. For more information about your rights as an applicant see:

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For the complete University of California nondiscrimination and affirmative action policy see:

[url=https://apptrkr.com/get\_redirect.php?id=2107133&targetURL=http://policy.ucop.edu/doc/4000376/Nondis

To apply, visit

[url=https://apptrkr.com/2107133]https://careerspub.universityofcalifornia.edu/psp/ucb/EMPLOYEE/HRMS/c/H

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

### Contact

N/A

University of California, Berkeley

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