

Senior Project Data Analyst (6610U), Berkeley Public  
Health - 71797  
University of California, Berkeley

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Posted Aug. 22, 2024, set to expire Dec. 20, 2024

<b>Job Title</b>	Senior Project Data Analyst (6610U), Berkeley Public Health - 71797
<b>Department</b>	
<b>Institution</b>	University of California, Berkeley Berkeley, California
<b>Date Posted</b>	Aug. 22, 2024
<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/Technical/Laboratory
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**Job Description**

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**Senior Project Data Analyst (6610U), Berkeley Public Health - 71797**

**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

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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, 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 [Guiding Values and Principles](#), our [Principles of Community](#), and our [Strategic Plan](#).

At UC Berkeley, we believe that learning is a fundamental part of working, and our goal is for everyone on the Berkeley campus to feel supported and equipped to realize their full potential. We actively support this by providing all of our staff employees with at least 80 hours (10 days) of paid time per year to engage in professional development activities. To find out more about how you can grow your career at UC Berkeley, visit [grow.berkeley.edu](http://grow.berkeley.edu).

### **Departmental Overview**

Berkeley Public Health (BPH) aims to improve population health, especially for the most vulnerable, through interdisciplinary collaborations, preeminent education, and transformational research. Established in 1943, BPH is a professional school on the UC Berkeley campus that comprises six academic divisions and nearly 30 research centers and programs. Our department's values include social justice, health as a right, challenging conventional thought, embracing diversity, and creating meaningful impact. We honor our principles of community by centering and valuing everyone in our community; prioritizing prevention while remaining grounded in social justice; promoting safety and respect; practicing self-care and kindness; and remaining optimistic, hopeful, and committed to change. Learn more at [publichealth.berkeley.edu](http://publichealth.berkeley.edu).

The Center for Targeted Machine Learning and Causal Inference (CTML) in the School of Public Health's Division of Epidemiology and Biostatistics is an interdisciplinary hub that brings together data scientists, statisticians, computer scientists, and health professionals. Its mission is to improve the research and practice of health sciences through developing and applying Targeted Learning analytics

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to solve urgent health challenges and making these tools accessible to a broader audience.

### Position Summary

The Center for Targeted Machine Learning and Causal Inference (CTML), within the School of Public Health's Biostatistics & Epidemiology Division, is an interdisciplinary research center for advancing, implementing, and disseminating statistical methodology to address problems arising in public health and clinical medicine. Mirroring the last few years, CTML's project portfolio continues to grow and includes partnerships with Novo Nordisk, Gilead, NIH, NSF, Gates Foundation, and Blue Shield.

### Application Review Date

The First Review Date for this job is: 09/03/2024.

### Responsibilities

- Provides consultation to research team to develop and evaluate instruments, methods, tools and training.
- Designs, coordinates and conducts research studies, data collection tools of broad complexity and impact. Prepares reports, scientific publications and articles for publication.
- Compiles and interprets research data. Contributes to formulation and prioritization of interventions based on data.
- Presents and interprets the results of research findings.
- Develops database tool for tracking research data and assists in transmission and presentation of data.
- Provides technical assistance on data management and use of research data to analyze and interpret findings.
- May lead implementation of data management systems.
- Leading independent statistical analysis, methodological research, and writing peer-reviewed manuscripts in support of academic-pharmacology industry collaboration projects.
- The candidate will contribute to paper submissions involving scientific writing, reviewing data analyses, literature management, and helping to contribute to the interpretation of results.
- Participate in professional development, conferences, and provides public relations support.
- Considers submitting research-related findings to local and international conferences, and participates in those conferences through poster or oral presentations when appropriate.
- Other duties as assigned.
- This may include scientific input on matters when requested by CTML faculty, proofreading scientific documents, or informal meetings with members of the research team to discuss

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research matters.

### Required Qualifications

- Academic background and in-depth knowledge of statistics, causal inference, machine learning, and computer science.
- Advanced skills associated with statistical analysis, database management and software development programming.
- Advanced ability to communicate complex information in a clear and concise manner both verbally and in writing.
- Advanced project management skills.
- Ability to lead and influence within and external to project team.
- Advanced research skills at a level to evaluate alternate solutions and project likelihood of success and to develop alternate solutions or recommendations.
- Advanced ability to think creatively to recommend action steps or strategize solutions relative to research.
- Advanced skills in analysis and consultation.
- R programming, statistical computing, Python programming, and package creation ability.
- Knowledge of causal inference and machine learning methodologies, design of clinical trials, and analysis of electronic health record data.
- Bachelor's degree in related area and/or equivalent experience/training.

### Preferred Qualifications

- Working skills in data preprocessing/cleaning, statistical analysis, systems programming, database design and data security measures, especially regarding large datasets.
- PhD degree in biostatistics or related field and/or equivalent experience/training.
- Master's degree in related area or related field and/or equivalent experience/training.

### Salary & Benefits

This is a 100% full-time (40 hrs a week) exempt career position, which is paid monthly and eligible for UC Benefits.

For information on the comprehensive benefits package offered by the University, please visit the

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University of California's [Compensation & Benefits](#) website.

Under California law, the University of California, Berkeley is required to provide a reasonable estimate of the compensation range for this role and should not offer a salary outside of the range posted in this job announcement. This range takes into account the wide range of factors that are considered in making compensation decisions including but not limited to experience, skills, knowledge, abilities, education, licensure and certifications, analysis of internal equity, and other business and organizational needs. It is not typical for an individual to be offered a salary at or near the top of the range for a position. Salary offers are determined based on final candidate qualifications and experience.

The budgeted salary or hourly range that the University reasonably expects to pay for this position is \$109,200.00 - \$133,850.00.

### How to Apply

- To apply, please submit your resume and cover letter.

### Other Information

- This is not a visa opportunity.
- This position is eligible for up to 100% remote work. Exact arrangements are determined in partnership with your supervisor to meet role responsibilities and department needs, and are subject to change.

### 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 orientation, gender identity, national origin, disability, or protected veteran status. For more information about your rights as an applicant, please see the [https://apptrkr.com/get\\_redirect.php?id=5559473&targetURL=U.S. Equal Employment Opportunity Commission](https://apptrkr.com/get_redirect.php?id=5559473&targetURL=U.S. Equal Employment Opportunity Commission) poster.

The [University of California's Affirmative action policy](#).

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The [University of California's Anti-Discrimination policy](#).

**To apply, visit**

[https://careerspub.universityofcalifornia.edu/psc/ucb/EMPLOYEE/HRMS/c/HRS\\_HRAM\\_FL.HRS.CG\\_S](https://careerspub.universityofcalifornia.edu/psc/ucb/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS.CG_S)

### 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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