

Data Analyst (6257U) 77671
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=255926>

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Posted Apr. 17, 2025, set to expire Jul. 1, 2025

Job Title	Data Analyst (6257U) 77671
Department	Eric and Wendy Schmidt Center for Data Science and Environment
Institution	University of California, Berkeley Berkeley, California
Date Posted	Apr. 17, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Statistics & Actuarial Science Computer/Information Sciences
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Job Description

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About Berkeley

At the University of California, Berkeley, we are dedicated to fostering a community where everyone feels welcome and can thrive. Our culture of openness, freedom and belonging make it a special place for students, faculty and staff.

As a world-leading institution, Berkeley is known for its academic and research excellence, public

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mission, diverse student body, and commitment to equity and social justice. Since our founding in 1868, we have driven innovation, creating global intellectual, economic and social value.

We are looking for applicants who reflect California's diversity and want to be part of an inclusive, equity-focused community that views education as a matter of social justice. Please consider whether your values align with our [Guiding Values and Principles](#), [Principles of Community](#), and [Strategic Plan](#).

At UC Berkeley, we believe that learning is a fundamental part of working, and provide space for [supportive colleague communities via numerous employee resource groups](#) (staff organizations). 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 full-time staff employees with at least 80 hours (10 days) of paid time per year to engage in professional development activities. Find out more about how you can [grow your career](#) at UC Berkeley.

Departmental Overview

Launched in 2022 the Eric and Wendy Schmidt Center for Data Science and Environment (DSE) at Berkeley is a partnership between UC Berkeley's Rausser College of Natural Resources (RCNR) and the College of Computing, Data Science, and Society (CDSS), with the financial support of Eric and Wendy Schmidt. The Center combines the power of computing and environmental science with open science principles and a commitment to inclusivity - all towards the purpose of building tangible, replicable, and accessible solutions to problems compromising the health of our environment. Team members in the Center co-create these solutions in direct partnership with those who hold the knowledge and expertise of their local needs and environmental context.

At DSE, we aim to contribute to the global community who are similarly working to take on these challenges in four key areas:

- Generating ground-breaking computational/data science discoveries motivated by pressing environmental questions;
- Producing scalable, last-mile solutions to critical threats facing the environment, powered by open-source tools;
- Deploying these solutions widely, taking advantage of modern cloud infrastructure and open data/open software, and maintaining a design philosophy of vendor neutrality and interoperability to ensure that community needs are prioritized;
- Creating an enhanced pipeline of young environmental leaders connected to local communities and organizations to meet their needs and translate our research findings and technological developments into practical impacts.

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The Data Analyst will play a critical role to support our collaboration with the National Park Service to analyze vegetation monitoring data in order to better understand the climate vulnerability of ecosystems.

Application Review Date

The First Review Date for this job is April 29, 2025

Responsibilities

- Gathers, analyzes, prepares and summarizes the collection of information and data; recommends statistical approaches, trends, sources and uses. Integrating innovative quantitative vegetation ecology methods with the development of compelling visualizations and open source software tools. Analyze vegetation monitoring data.
- Plans long-term statistical studies, including the preparation of proposals, design of survey instruments and determining sampling procedures. Bringing modern data science infrastructure to existing models and methodologies from literature.
- Prepares data for presentation. Coauthoring reports with NPS authors by contributing summary of analytical results which will be integrated into larger NPS publications.
- Prepares reports of studies for internal validation and cross validation studies. Contributing code and documentation to a shared resource library.
- Fostering collaboration among networks and partners by sharing results of work underway and actively engaging in planning for upcoming projects.
- Participating in a community of practice (including NPS staff and other partners using I&M data) exchanging ideas on analytical approaches
- Participating periodically in trainings, workshops, or other activities to advance NPS and other partner ecologists' awareness of contemporary analytical approaches.
- Oversees data entry, database management and research analysis of students/lower- level support staff.

Required Qualifications

- Thorough skills associated with statistical analysis and data science.
- Skills to communicate complex information in a clear and concise manner both verbally and in writing to both technical and nontechnical audiences.
- Skills in project management.

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- Thorough skills in analysis and consultation.
- Research skills at a level to evaluate alternate solutions and develop recommendations.
- Self-motivated and able to work independently as well as part of a team
- Able to learn effectively and meet deadlines
- Demonstrated complex problem-solving skills
- Experience building client-side tools with JavaScript and/or TypeScript
- Bachelor's degree in related area and / or equivalent experience / training

Preferred Qualifications

- Familiarity with data science approaches like machine learning
- Proven track record of work on Github or similar software platform
- Experience with the modern scientific Python stack

Salary & Benefits

This is full-time, two year contract position. Extension may be possible with continued funding.

This position is eligible for hybrid/remote work within the United States. Exact arrangements are determined in partnership with the hiring manager to meet role responsibilities and department needs and are subject to change.

This position is eligible for the full range of UC Benefits. For information on the comprehensive benefits package offered by the University, please visit the 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 range that the University reasonably expects to pay for this position is \$88,900 -

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\$99,996 annually.

How to Apply

To apply, please submit your resume and cover letter.

Misconduct Disclosure

As a condition of employment, the final candidate who accepts a conditional offer of employment will be required to disclose if they have been subject to any final administrative or judicial decisions within the last seven years determining that they committed any misconduct; received notice of any allegations or are currently the subject of any administrative or disciplinary proceedings involving misconduct; have left a position after receiving notice of allegations or while under investigation in an administrative or disciplinary proceeding involving misconduct; or have filed an appeal of a finding of misconduct with a previous employer.

"Misconduct" means any violation of the policies or laws governing conduct at the applicant's previous place of employment, including, but not limited to, violations of policies or laws prohibiting sexual harassment, sexual assault, or other forms of harassment, discrimination, dishonesty, or unethical conduct, as defined by the employer. For reference, below are UC's policies addressing some forms of misconduct:

[UC Sexual Violence and Sexual Harassment Policy](#)

[UC Anti-Discrimination Policy](#)

[Abusive Conduct in the Workplace](#)

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 [U.S. Equal Employment Opportunity Commission](#) poster.

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

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

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To apply, visit

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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