

Data Analytics Lead (6256U) - Institute of Transportation
Studies
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=255670>

Downloaded On: Apr. 20, 2025 2:35am

Posted Apr. 15, 2025, set to expire Jul. 1, 2025

Job Title	Data Analytics Lead (6256U) - Institute of Transportation Studies
Department	Institute of Transportation Studies
Institution	University of California, Berkeley Berkeley, California
Date Posted	Apr. 15, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Research/Technical/Laboratory
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Job Description

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Data Analytics Lead (6256U) - Institute of Transportation Studies

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 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.

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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

The Institute of Transportation Studies (ITS) develops and tests leading-edge innovations influencing the movement of people and goods, while advancing sustainability, economic health, and quality of life.

The Data Analytics Lead applies data analytics in support of a climate and urban health research study and would be part of a large, multi-site, research group involving several institutions across the United States and Latin America. This position involves gathering, merging, analyzing, and interpreting a wide variety of research data related to the SALURBAL project. Designs and conducts research including selecting data, developing research measures, analyzing collected information according to established statistical methods, and developing recommendations based on research findings. Prepares reports and manuscripts, charts, tables, figures, and other visual aids to interpret and communicate data and results.

This is a 100% FTE, 2-year contract position with the possibility of extension for 1 year (as per funding).

Application Review Date

The First Review Date for this job is: April 24, 2025 - Open Until Filled

Responsibilities

20% -Supports day to day research and data analytic functions of Berkeley researchers in the SALURBAL project including reporting of progress on data processing and updating, summarization, and quality.

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15% -Maintains and develops the built environment and natural environment data from the SALURBAL climate and environment core, and its related metadata, as per <https://drexel.edu/lac/salurbal/overview/>

15% - Assists higher other team members in the planning and execution of parts of studies related to health impact quantification, including facilitating the data, merging the data with health outcome data, providing preliminary analyses, and providing written description of the methods followed in creating/processing the data and in summarizing it, as appropriate.

10% -Conducts statistical studies in support of research proposals and protocols for the SALURBAL project. This includes running code related to summary statistics, multilevel models, and distributed non-linear lag models. Existing code and biostatistical support exists -- the position adapts and executes the code as per the application being considered.

10% -Collaborates on the design, documentation, testing and implementation of manuscripts around urban health and climate change in support of project aims. In partnership with stakeholders, leverage and expand the exceptional SALURBAL data resource encompassing nearly 400 cities across 11 countries to identify impacts of climate change on health and equity

10% -Prepares reports and / or analyses for the SALURBAL project related to data and associations between health and climate.

10% - May be involved in researching, evaluating and selecting new urban, natural, and climate hazard data sources consistent with SALURBAL's mission. For a catalogue of existing data see: <https://data.lacurbanhealth.org/>

10% -Assists in developing systems for organizing urban, natural, and climate hazard data data (storage, backup) to support analyses related to manuscripts by others. Responds to questions about the data and its metadata.

Required Qualifications

- Bachelor's degree in related area and / or equivalent experience / training.
- Working knowledge of quantifying urban form and conducting multilevel individual and ecological analyses.
- Working skills in statistical analysis, including R and Python, and data security measures.
- Working skills in analysis and consultation in a team environment across multiple countries and cultures in Latin America.
- Skills to communicate complex information in a clear and concise manner both verbally and in

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writing.

- Skills in spatial analysis and management of complex data. A desire to work with large spatial datasets, especially with geographic information systems (GIS) and/or Google Earth Engine.
- Working knowledge on the use of GitHub as a data and code repository.

Salary & 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 or hourly range that the University reasonably expects to pay for this position is \$34.77 to \$47.89 hourly. This is a 100% FTE, 2-year contract position eligible for benefits. This position is FLSA Non-exempt and paid biweekly.

Other Information

This is a 100% FTE, 2-year contract position with the possibility of extension for 1 year (as per funding).

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.

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"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](#).

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



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