

INFORMATION ANALYTICS

Rsch Data Analyst 1

School of Medicine, Stanford, California, United States

Apply for Job

Stanford University will be officially closed for regular business from Monday, December 20, 2021 through Friday, December 31, 2021. Normal operations resume on Monday, January 3, 2022.

You may continue to apply for opportunities during our winter closure. Since many of the University’s schools and administrative units are closed, your application may not be reviewed until normal operations resume on January 3, 2022, or shortly thereafter.

Thank you for your interest!

Share this Job

Sign Up for Job Alerts

Job Summary

DATE POSTED	SCHEDULE	JOB CODE	EMPLOYEE STATUS
Sep 15, 2021	Full-time	4751	Regular
GRADE	REQUISITION ID		
G	91326		

Stanford University is seeking a Research Data Analyst 1 to Manage and analyze large amounts of information, typically technical or scientific in nature, under the direction of project researchers, investigators, or managers.

Similar Roles

INFORMATION ANALYTICS

Manager, Bioinformatics Group

School of Medicine, St...

INFORMATION ANALYTICS

About the Department of Pathology:

Comprised of extraordinary faculty and staff, our mission is to improve the diagnosis, treatment and basic understanding of human disease. We accomplish this through our clinical services, research, and training the future leaders in pathology and related fields. A major focus of clinical research in the Department continues to be the correlation of patient outcome and treatment response with the surgical pathologic diagnosis of human cancers. Everything we do is to provide the highest quality of pathology diagnostic services to the patients for whom we passionately care.

For more information about the department visit <http://pathology.stanford.edu/>

About the Position:

We are seeking a Research Data Analyst 1 to join the group of Dr. Mike Angelo at the Stanford Blood Center in the Department of Pathology. This Data Analyst will aid in the development of algorithms and software for analysis of highly-multiplexed imaging data generated by a next-generation IHC platform (Multiplexed ion beam imaging) housed in the Angelo lab. A strong background in analyzing biological imaging data is desired. The Data Analyst will play a key role in designing, building and maintaining the analytical pipelines used for routine image analysis in the lab. Additionally, the Data Analyst will develop new methods for image segmentation, object identification and phenotyping. In addition to these cross-project responsibilities, the Data Analyst will also be involved in individual project, assisting

Senior Bioinformatician

School of Medicine, St...

I N F O R M A T I O N
A N A L Y T I C S

Associate Biocuration Scientist (3 Openings)

School of Medicine, St...

[See More Roles](#)

**Job
openings
delivered
to your
inbox**

Sign
Up
Today

M.D. and Biology Ph.D.s in their data analysis tasks. Must be a good team player.

Duties include:

- Collect, manage and clean datasets.
- Employ new and existing tools to interpret, analyze, and visualize multivariate relationships in data.
- Create databases and reports, develop algorithms and statistical models, and perform statistical analyses appropriate to data and reporting requirements.
- Use system reports and analyses to identify potentially problematic data, make corrections, and determine root cause for data problems from input errors or inadequate field edits, and suggest possible solutions.
- Develop reports, charts, graphs and tables for use by investigators and for publication and presentation.
- Analyze data processes in documentation.
- Collaborate with faculty and research staff on data collection and analysis methods.
- Provide documentation based on audit and reporting criteria to investigators and research staff.
- Communicate with government officials, grant agencies and industry representatives.

* - Other duties may also be assigned

DESIRED QUALIFICATIONS:

- Bachelor's degree in Mathematics, Statistics, Computer Science or related field.
- Research experience in computational biology desired; specifically in analysis of high-throughput, multiplexed data. Experience in designing data analysis pipelines is an advantage.
- Experience in industry as software engineer is desired; specifically is generating graphical user interfaces.
- Knowledge and experience in machine learning is highly desired; specifically application of deep learning to computer vision and image analysis.
- Intimate knowledge with at least one of the following programming languages: Python/R/Perl/Matlab/Java/C/C++
- The candidate should be able to work independently, be highly motivated, well organized, adaptable and work well within a highly interdisciplinary and international team. Good communication and interpersonal skills as well as fluent English are essential, as well as proficient computer skills (Mac and PC).

EDUCATION & EXPERIENCE (REQUIRED):

Bachelor's degree or a combination of education and relevant experience. Experience in a quantitative discipline such as economics, finance, statistics or engineering.

KNOWLEDGE, SKILLS AND ABILITIES (REQUIRED):

- Substantial experience with MS Office and analytical programs.
- Strong writing and analytical skills.
- Ability to prioritize workload.

CERTIFICATIONS & LICENSES:

None

PHYSICAL REQUIREMENTS*:

- Sitting in place at computer for long periods of time with extensive keyboarding/dexterity.
- Occasionally use a telephone.
- Rarely writing by hand.

* - Consistent with its obligations under the law, the University will provide reasonable accommodation to any employee with a disability who requires accommodation to perform the essential functions of his or her job.

WORKING CONDITIONS:

Some work may be performed in a laboratory or field setting

Hiring process

We're always looking for people who can bring new perspectives and life experiences to our team. Found the perfect role and ready to apply? Learn more on what to expect next.

[Learn More](#)

Resources

- FAQ
- LCA Notifications
- Disability and Diversity Services
- Veterans
- Jeanne Clery Act – Campus Safety Report
- Image Credit

Equal Opportunity

Consistent with its obligations under the law, the University will provide reasonable accommodation to any employee with a disability who requires accommodation to perform the essential functions of his or her job.

Stanford is an equal employment opportunity and 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, protected veteran status, or any other characteristic protected by law.

Stanford University

© Stanford University,

Stanford California 94305

[Stanford Home](#) [Maps and Directions](#)

[Search Stanford](#) [Emergency Info](#)

[Terms of Use](#) [Privacy](#) [Copyright](#) [Trademarks](#)

[Non Discrimination](#) [Accessibility](#)