

Data Scientist

at Integral Ad Science ([View all jobs](#))

San Francisco, CA

As a Data Scientist at IAS, you will be part of a team that is at the center of innovation for the company and a major contributor to our core products. As part of the data science group at IAS, you will push the boundaries of applications of machine learning (ML) and deliver best-in-class solutions to serve our clients. Innovation is at the heart of our competitive advantage, and innovation starts with people and culture. You will join a group of data scientists committed to deep collaboration and high quality scientific research, ultimately producing a lasting impact on the IAS business.

The types of challenges we solve have attracted people from industry and academia with diverse backgrounds, ranging from ML, mathematics, physics, biology, neuroscience, and computer science to finance and economics. We're passionate about maintaining an open and collaborative environment, where team members bring their own unique style of thinking and tools to the table.

What you'll get to do:

- Drive innovative research within the data science team, improve the accuracy and increase the scope of our multimedia content classification for targeting & avoidance in web, mobile, CTV, gaming, social media etc.
- Collaborate with the Core Research and Innovation Teams, understand the nature of evolving trends and invent creative, quantitative solutions to address contextual targeting and avoidance needs
- Develop automated ML systems based on science, data, and ML applications. Communicate the value they add to multiple stakeholders across the organization, socialize the predictive power and business value of data-driven ML
- Join a team of highly motivated ML researchers and developers, own projects from end-to-end, while collaborating with team members, learning, mentoring, contributing to the collective impact data science has on the IAS business
- Collaborate with engineers to integrate fraud solutions within larger engineering workflows
- Respond to internal and client-facing incidents as they arise

You should apply if you have most of this experience:

- PhD or masters in a quantitative discipline (e.g., mathematics, statistics, computer science, physics, economics, computational neuroscience)
- 3-5 years experience solving analytical problems using quantitative approaches and ML methods in a business environment
- Practical experience building ML systems, ideally using weak supervision and automated data labeling. End-to-end ownership of your work: from prototyping, debugging, evaluation, optimization, production deployment, to live monitoring
- Knowledge of cutting edge research in ML applications and deep learning
- Capable of using SQL to answer key data questions at the drop of a hat
- Expertise in standard scripting languages used in data science for statistical computation: Python, R
- Enthusiasm for telling stories with data, deep understanding of how data works and flows through systems to produce business outcomes
- An innate curiosity about data problems, strongly held commitment to getting to the bottom of things
- A love of science, the scientific method, and faith in your fellow practitioners in the scientific trade

New York Applicants: The salary range for this position is \$88,900 - \$152,400. Actual pay may vary based on experience or geographic location.

About Integral Ad Science

Integral Ad Science (IAS) is a leading global media measurement and optimization platform that delivers the industry's most actionable data to drive superior results for the world's largest advertisers, publishers, and media platforms. IAS's software provides comprehensive and enriched data that ensures ads are seen by real people in safe and suitable environments, while improving return on ad spend for advertisers and yield for publishers. Our mission is to be the global benchmark for trust and transparency in digital media quality. For more information, visit integralads.com.

Equal Opportunity Employer:

IAS is an equal opportunity employer, committed to our diversity and inclusiveness. We will consider all qualified applicants without regard to race, color, nationality, gender, gender identity or expression, sexual orientation, religion, disability or age. We strongly encourage women, people of color, members of the LGBTQIA community, people with disabilities and veterans to apply.

California Applicant Pre-Collection Notice:

We collect personal information (PI) from you in connection with your application for employment or engagement with IAS, including the following categories of PI: identifiers, personal records, commercial information, professional or employment or engagement information, non-public education records, and inferences drawn from your PI. We collect your PI for our purposes, including performing services and operations related to your potential employment or engagement. For additional details or if you have questions, contact us at compliance@integralads.com.

To learn more about us, please visit <http://integralads.com/>

Attention agency/3rd party recruiters: IAS does not accept any unsolicited resumes or candidate profiles. If you are interested in becoming an IAS recruiting partner, please send an email introducing your company to recruitingagencies@integralads.com. We will get back to you if there's interest in a partnership.

#LI-Hybrid

Apply for this Job

* Required

First Name *



Last Name *

Email *

Phone *

Resume/CV *

[Attach, Dropbox, or enter manually](#)

(File types: pdf, doc, docx, txt, rtf)

Cover Letter

[Attach, Dropbox, or enter manually](#)

(File types: pdf, doc, docx, txt, rtf)

LinkedIn Profile URL:

Full Legal Name: *

What is your Full Payroll Home Address (Street, City, State)? *



What US state will be your primary working location? *

Please select 

Will you now, or in the future, require visa sponsorship for employment from Integral Ad Science? *

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Are you a current or previous employee of Integral Ad Science, ADmantX, or Publica? *

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U.S. Standard Demographic Questions We invite applicants to share their demographic background. If you choose to complete this survey, your responses may be used to identify areas of improvement in our hiring process.

How would you describe your gender identity? (mark all that apply)

- ☐ Man
- ☐ Non-binary
- ☐ Woman
- ☐ I prefer to self-describe
- ☐ I don't wish to answer

How would you describe your racial/ethnic background? (mark all that apply)

- ☐ Black or of African descent
- ☐ East Asian
- ☐ Hispanic, Latinx or of Spanish Origin
- ☐ Indigenous, American Indian or Alaska Native
- ☐ Middle Eastern or North African
- ☐ Native Hawaiian or Pacific Islander
- ☐ South Asian
- ☐ Southeast Asian
- ☐ White or European
- ☐ I prefer to self-describe
- ☐ I don't wish to answer

How would you describe your sexual orientation? (mark all that apply)

- ☐ Asexual
- ☐ Bisexual and/or pansexual
- ☐ Gay

- ☐ Heterosexual
- ☐ Lesbian
- ☐ Queer
- ☐ I prefer to self-describe
- ☐ I don't wish to answer

Do you identify as transgender? *(Select one)*

- ☐ Yes
- ☐ No
- ☐ I prefer to self-describe
- ☐ I don't wish to answer

Do you have a disability or chronic condition (physical, visual, auditory, cognitive, mental, emotional, or other) that substantially limits one or more of your major life activities, including mobility, communication (seeing, hearing, speaking), and learning? *(Select one)*

- ☐ Yes
- ☐ No
- ☐ I prefer to self-describe
- ☐ I don't wish to answer

Are you a veteran or active member of the United States Armed Forces? *(Select one)*

- ☐ Yes, I am a veteran or active member
- ☐ No, I am not a veteran or active member
- ☐ I prefer to self-describe
- ☐ I don't wish to answer

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