

New

Data Scientist - Machine Learning

Apply

Austin

Self Financial is a venture-backed, high-growth FinTech company with a mission to increase economic inclusion and financial resilience by empowering people to build credit and build savings.

We're looking for people who share our passion and are driven to tackle challenges, find solutions and make the financial space better for the communities we serve.

Our team is passionate about challenging the status quo of the credit industry by providing people accessible tools to take control of their credit. Executing on our mission requires deep collaboration across our teams to ensure our products reach the people who can benefit from them the most, particularly the 100 million+ Americans who have no or low credit.

We celebrate diversity and are committed to creating an inclusive environment for all employees. To that end, we seek to recruit, develop and retain the most talented people from a diverse candidate pool.

Position Overview

We are seeking a highly skilled and motivated Data Scientist with expertise in building machine learning models, deploying models, and creating pipelines. The ideal candidate will have extensive experience with AWS Machine Learning cloud tools and a strong background in data analysis, statistical modeling, and software engineering. This role requires a blend of technical proficiency, creativity, and the ability to work collaboratively in a fast-paced environment.

What You'll Do:

- **Develop Machine Learning Models:** Design, build, and refine machine learning models for various applications, ensuring high accuracy, efficiency, and scalability.
- **Model Deployment:** Deploy machine learning models in production environments using AWS ML tools, ensuring models are robust, reliable, and maintainable.
- **Pipeline Creation:** Develop and maintain data pipelines that preprocess, transform, and ensure the integrity of data for model training and prediction.
- **Data Analysis and Visualization:** Conduct thorough data analysis to extract meaningful insights and visualize data to support decision-making processes.

- **Collaborate with Cross-Functional Teams:** Work closely with data engineers, software developers, product managers, and other stakeholders to integrate ML models into applications and workflows.
- **Stay Current with Industry Trends:** Keep abreast of the latest advancements in machine learning, data science, and AWS technologies to continuously improve skills and apply best practices.
- **Documentation and Reporting:** Document methodologies, processes, and results comprehensively. Present findings and insights to technical and non-technical stakeholders.

What we want you to have:

- Bachelor's or Master's degree in Computer Science, Data Science, Statistics, Mathematics, or a related field
- Proficiency in programming languages such as Python, R, and SQL.
- Strong understanding of machine learning algorithms, statistical models, and data structures.
- Experience with AWS Machine Learning services, including but not limited to SageMaker, Lambda, Glue, and Redshift.
- Expertise in deploying models in a cloud environment and managing end-to-end ML pipelines.
- Familiarity with frameworks and libraries such as TensorFlow, PyTorch, scikit-learn, and Pandas.

Experience:

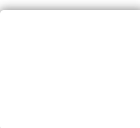
- Minimum of 3-5 years of hands-on experience in building, deploying, and maintaining machine learning models in production.
- Proven track record of working with large datasets and implementing data preprocessing, feature engineering, and model evaluation techniques.
- Experience with DevOps practices and tools for continuous integration/continuous deployment (CI/CD) is a plus.

Soft Skills:

- Strong problem-solving skills and the ability to work independently as well as part of a team.
- Excellent communication skills with the ability to explain complex concepts to non-technical stakeholders.
- High attention to detail and a passion for delivering high-quality work.

Base salary range: \$165,000- \$180,000 annually. Individual pay is based on factors unique to each candidate, including skill set, experience, and other job-related reasons.

Benefits and Perks:



We have the compensation and benefits you expect. But there's one thing that Self Financial can offer that many companies cannot: we can positively change the world, while making a profit. We are a team of Builders, empowering our customers to build their dreams. We have a Do the Right Thing ethos in all that we do, and we hope you value that approach, too.

Our perks include:

- Company Equity in the form of Stock Options
- Quarterly performance-based bonuses
- Generous employer-paid health, vision and dental insurance coverage
- Flexible vacation policy
- Educational assistance
- Free gym membership
- Casual dress code
- Team building events and activities
- Remote work arrangements/ flexible work schedule
- Paid parental leave

Self Financial requires all employees hired to successfully pass a background check.

We are an Equal Opportunity Employer.

Apply for this job

* indicates a required field

First Name *

...

Last Name *

Email *

Phone *

Resume/CV *

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

Accepted file types: pdf, doc, docx, txt, rtf

Cover Letter

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

Accepted file types: pdf, doc, docx, txt, rtf

LinkedIn Profile

Website

Are you a current United States resident? *
Select... ▼

What state do you currently live in?

Voluntary Self-Identification

For government reporting purposes, we ask candidates to respond to the below self-identification survey. Completion of the form is entirely voluntary. Whatever your decision, it will not be considered in the hiring process or thereafter. Any information that you do provide will be recorded and maintained in a confidential file.

As set forth in Self Financial’s Equal Employment Opportunity policy, we do not discriminate on the basis of any protected group status under any applicable law.

Gender
Select... ▼

Are you Hispanic/Latino?
Select... ▼

[Race & Ethnicity Definitions](#)

If you believe you belong to any of the categories of protected veterans listed below, please indicate by making the appropriate selection. As a government contractor subject to the Vietnam Era Veterans Readjustment Assistance Act (VEVRAA), we request this information in order to measure the effectiveness of the outreach and positive recruitment efforts we undertake pursuant to VEVRAA. Classification of protected categories is as follows:



A "disabled veteran" is one of the following: a veteran of the U.S. military, ground, naval or air service who is entitled to compensation (or who but for the receipt of military retired pay would be entitled to compensation) under laws administered by the Secretary of Veterans Affairs; or a person who was discharged or released from active duty because of a service-connected disability.

A "recently separated veteran" means any veteran during the three-year period beginning on the date of such veteran's discharge or release from active duty in the U.S. military, ground, naval, or air service.

An "active duty wartime or campaign badge veteran" means a veteran who served on active duty in the U.S. military, ground, naval or air service during a war, or in a campaign or expedition for which a campaign badge has been authorized under the laws administered by the Department of Defense.

An "Armed forces service medal veteran" means a veteran who, while serving on active duty in the U.S. military, ground, naval or air service, participated in a United States military operation for which an Armed Forces service medal was awarded pursuant to Executive Order 12985.

Veteran Status

Select...

▼

Voluntary Self-Identification of Disability

Form CC-305
Page 1 of 1

OMB Control Number 1250-0005
Expires 04/30/2026

Why are you being asked to complete this form?

We are a federal contractor or subcontractor. The law requires us to provide equal employment opportunity to qualified people with disabilities. We have a goal of having at least 7% of our workers as people with disabilities. The law says we must measure our progress towards this goal. To do this, we must ask applicants and employees if they have a disability or have ever had one. People can become disabled, so we need to ask this question at least every five years.

Completing this form is voluntary, and we hope that you will choose to do so. Your answer is confidential. No one who makes hiring decisions will see it. Your decision to complete the form and your answer will not harm you in any way. If you want to learn more about the law or this form, visit the U.S. Department of Labor’s Office of Federal Contract Compliance Programs (OFCCP) website at www.dol.gov/ofccp.

How do you know if you have a disability?

A disability is a condition that substantially limits one or more of your “major life activities.” If you have or have ever had such a condition, you are a person with a disability. **Disabilities include, but are not limited to:**

- Alcohol or other substance use disorder (not currently using drugs illegally)
- Autoimmune disorder, for example, lupus, fibromyalgia, rheumatoid arthritis, HIV/AIDS
- Blind or low vision
- Cancer (past or present)
- Cardiovascular or heart disease
- Celiac disease
- Cerebral palsy
- Deaf or serious difficulty hearing
- Diabetes
- Disfigurement, for example, disfigurement caused by burns, wounds, accidents, or congenital disorders
- Epilepsy or other seizure disorder
- Gastrointestinal disorders, for example, Crohn's Disease, irritable bowel syndrome
- Intellectual or developmental disability
- Mental health conditions, for example, depression, bipolar disorder, anxiety disorder, schizophrenia, PTSD
- Missing limbs or partially missing limbs
- Mobility impairment, benefiting from the use of a wheelchair, scooter, walker, leg brace(s) and/or other supports
- Nervous system condition, for example, migraine headaches, Parkinson's disease, multiple sclerosis (MS)
- Neurodivergence, for example, attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder, dyslexia, dyspraxia, other learning disabilities
- Partial or complete paralysis (any cause)
- Pulmonary or respiratory conditions, for example, tuberculosis, asthma, emphysema
- Short stature (dwarfism)
- Traumatic brain injury

Disability Status

Select...



PUBLIC BURDEN STATEMENT: According to the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. This survey should take about 5 minutes to complete.

Submit application

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