



## **Machine Learning Engineer**

We have the following job opportunity in our **New York, New York** office:

### **Description**

This role will be part of our Applied Data Team and will be responsible for providing Machine Learning Engineering support. Responsibilities include, but are not limited to:

- Construct machine learning models including data collection, normalization, and standardization, data pipeline construction, model selection and hyperparameter tuning, working ml systems that can add new data into ml model.
- Create apps to present ml models and host them in the cloud or locally.
- Create pipelines to query and retrieve and update data for existing applications to keep them updated
- Supervise the scaling and management of the machine learning modeling ecosystem
- Find orthogonal data sets to supplement models and increase alpha
- Stay abreast of new technology and machine learning methodologies and implement them into the model building architecture
- Work alongside (re)insurance domain experts to improve predictive aspects of their lines of business

### **Requirements:**

- 3+ years of demonstrative excellence in building, scaling, and productizing machine learning models
- Experience working with sparse, high dimensional, and time series data
- Python ml stack
- Work with tabular data
- Boosting and bagging algorithms
- Experience dealing with imbalanced classes
- ML Optimization Techniques
- Ensemble Stacking and Meta Learners
- Classification and Regression Metrics
- Regularization Methods
- Version Control
- Quant trading experience welcome but not required
- Kaggle ranking of expert or higher a plus

Regular work schedule will be hybrid; 2-3 days in the office (New York, NY) with the remaining days remote.

*Interested in applying for this role? Please visit our [Careers Page](#) to apply!*

*We support diversity in the workplace. We are an Equal Opportunity Employer.*



## About Us

Since 1977, TransRe's vision has been to deliver the capacity and expertise necessary to contribute to the sustainable growth of prosperous communities worldwide.

## Our Mission

Our mission is to be the first- choice provider of reinsurance to our customers, based on:

<b>Experience</b>	the foundation of our long term, trust-based relationship is built on long tenured leadership in every line in every region.
<b>Accessibility</b>	our global network of local support for all property and casualty lines of business.
<b>Strength</b>	the cornerstone of our ability and willingness to pay claims.
<b>Innovation</b>	a track record of collaboration and service delivery to support your sustainable profitable growth.
<b>Expertise</b>	the basis of our timely, value-added insight and offerings.
<b>Resilience</b>	existing to improve the resilience of communities worldwide, through our products, our people and our partnerships

## Our Values

To achieve our Vision and Mission, we maintain a culture of the highest ethical standards. We treat our employees and customers fairly. We stand behind our products and services. We act with:

<b>Integrity</b>	work honestly, to enhance TransRe's reputation.
<b>Respect</b>	value all colleagues. Collaborate actively.
<b>Performance</b>	we reward excellence. Be accountable, manage risk and deliver TransRe's strengths.
<b>Entrepreneurship</b>	seize opportunities. Innovate for and with customers.
<b>Customer Focus</b>	anticipate their priorities. Exceed their expectations.