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.

Tasks & responsibilities required of this role 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
- Experience dealing with imbalanced classes
- Deep Learning Architectures
- ML Optimization Techniques
- Cloud Services: Azure, AWS, Google Cloud
- Distributed systems: Hadoop, MapReduce, Spark
- Databricks
- 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

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

About Us

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

Our Mission

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

Experience	the foundation of our long term, trust-based relationship is built on long tenured leadership in every line in every region.
Accessibility	our global network of local support for all property and casualty lines of business.
Strength	the cornerstone of our ability and willingness to pay claims.
Innovation	to track record of collaboration and service delivery to support your sustainable profitable growth.
Expertise	the basis of our timely, value-added insight and offerings.
+ Resilience	we exist 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:

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

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