Principal Data Scientist (Director I)

**Job Description**
The world is constantly changing, and the way people move, live and conduct business is evolving at a rapid pace. This presents an opportunity to expand and grow our offerings, while also reinventing them for the future of mobility, shelter, and commerce. Solaria Labs is a global team that explores how trends will shape and shift the future and partners with teams across Liberty Mutual to develop new innovative products to protect our customers in a rapidly changing world. ([www.solarialabs.com](http://www.solarialabs.com))

**The Role**
As a Data Scientist in Solaria Labs, you will be part of a team working on challenging problems by developing innovative solutions by using state-of-the-art machine learning techniques related to computer vision, natural language processing (NLP), and Human-in-the-loop algorithms, among others.

**Responsibilities:**
- Develops, customize novel machine learning algorithms for insurance-related applications.
- Able to Understand state-of-the art machine learning algorithms from the literature.
- Communicate complex concepts related to machine learning to stakeholders with varied backgrounds.
- Mentors a serves as a tech lead for a team of data scientists and advanced analytics staff.
- Collaborates with business partners to develop tools and solutions using advanced machine learning techniques.
- Presents findings, shares insights, and makes recommendations that impact profitability, growth and/or customer satisfaction.
- Supervises and performs highly complex, technical and creative predictive analytics projects.
- Regularly engages with the data science community and leads cross-functional working groups.

Please note this posting is open to multiple locations or remote. Compensation will vary based on location, experience and education.

**Qualifications:**
- Competencies typically acquired through a Ph.D. degree (in Statistics, Mathematics, Economics, Actuarial Science or other scientific field of study) and a minimum of 2 years of relevant experience, a Master’s degree (scientific field of study) and a minimum of 4 years of relevant experience or may be acquired through a Bachelor’s degree(scientific field of study) and a minimum of 5+ years of relevant experience required for Assistant Director level.
- Competencies typically acquired through a Ph.D. degree (in Statistics, Mathematics, Economics, Actuarial Science or other scientific field of study) and
a minimum of 3 years of relevant experience, a Master`s degree (scientific field of study) and a minimum of 6 years of relevant experience or may be acquired through a Bachelor`s degree (scientific field of study) and a minimum of 8+ years of relevant experience required for Director I level.

- Collaborates with business partners to develop tools and services such as modeling, dashboard development, and decision aids to drive strategic decision making.
- Presents findings, shares insights, and makes recommendations that impact profitability, growth and/or customer satisfaction.
- Provides tactical input on highly technically complex projects that drive change across function, SBU or Corporate Department.
- Supervises and performs highly complex well-defined work, containing technical and creative predictive analytics projects.
- Regularly engages with the data science community and leads cross functional working groups.
- Extensive experience analyzing data and a broad understanding of core statistical and ML techniques.
- Expertise with Python, Pytorch, Hugging face along with standard machine learning libraries.