

Principal Data Scientist

Locations: NY-New York

Percent of Travel Require: 0 - 10%

Full or Part Time: Full Time



### **POSITION SUMMARY**

Aetna's Consumer Health Services team is focused on delivering strategically-impactful products to our members across all life stages to feel the joy of achieving their best health, in their own way. Join us and take part in our pursuit of empowering our consumers to take control their healthcare outcomes and be their trusted partner in their personal journey to wellness!

We are currently seeking an Principal Data Scientist in our New York City, NY location. The positions provides strategic leadership for the development, validation and delivery of algorithms, statistical models and reporting tools. Acts as the analytic team lead for highly complex projects involving multiple resources and tasks, providing individual mentoring in support of company objectives.

### **Fundamental Components:**

\* Leads development and execution of new and/or highly complex algorithms and statistical predictive models and determines analytical approaches and modeling techniques to evaluate scenarios and potential future outcomes.

Establishes analytical rigor and statistical methods to analyze large amounts of data, using advanced statistical techniques and mathematical analyses.

- Manage highly complex analytical projects from data exploration, model building, performance evaluation & testing.
- Applies in-depth knowledge of systems and products to consult and advise on additional efforts across organization/enterprise.
- Motivates team members and probes into technical details, and mentors others to do the same.
- Provides thought leadership and direction for analytic solutions, tools and studies.
- Anticipates and solves strategic and high risk business problems with broad impact on the business area by applying leading-edge theories and techniques to investigate problems, detect patterns and recommend solutions.
- Provides guidance to develop enterprise-wide analytics strategy and roadmap.
- Interacts with internal and external peers and management to share highly complex information/solutions related to areas of expertise and/or to gain acceptance of new or enhanced technology/ business solutions.

**BACKGROUND/EXPERIENCE:**

- 10 or more years of Data Analysis experience related to health care data that is progressively complex.
- Demonstrates advanced in-depth specialization in mathematical analysis methods, machine learning, statistical analyses, and predictive modeling.
- 8+ years of Open Source Technology experience.
- Comprehensive knowledge on health care industry, products, systems, business strategies and products
- Expertise in innovating and implementing novel machine learning techniques
- Expertise in advanced analytics tools and languages to analyze large data sets from multiple data sources
- Superior skills to effectively communicate and negotiate across the business and external health care environment
- Superior ability to communicate technical ideas and results to non-technical clients in written and verbal form
- Strong organizational, management and leadership skills
- Excellent analytical and problem solving skills
- Good business acumen practice. Able to communicate with Key Stake Holders

**EDUCATION**

The highest level of education desired for candidates in this position is a Master's degree. PHD preferred.

**ADDITIONAL JOB INFORMATION:**

\* This is an office based position in New York City, NY.

Aetna is about more than just doing a job. This is our opportunity to re-shape healthcare for America and across the globe. We are developing solutions to improve the quality and affordability of healthcare. What we do will benefit generations to come.

We care about each other, our customers and our communities. We are inspired to make a difference, and we are committed to integrity and excellence.

Together we will empower people to live healthier lives.

Aetna is an equal opportunity & affirmative action employer. All qualified applicants will receive consideration for employment regardless of personal characteristics or status. We take affirmative action to recruit, select and develop women, people of color, veterans and individuals with disabilities. We are a company built on excellence. We have a culture that values growth, achievement and diversity and a workplace where your voice can be heard.