**Aetna’s PDS Analytics Engineering team** is currently looking for an exceptional **Sr. Director, Data Engineering** to play a pivotal role in either our **Hartford, CT** or our **Wellesley, MA** location.

**Position Summary:** PDS strategic objectives include data movement analytics, marketing digitization, data governance and analytics engineering.The **Sr.** **Director, Data Engineering** provides strategic leadership for research design and statistical methodology used in modeling and outcomes studies. Makes evidence based recommendations and presentations to domain experts and other senior management. Primary responsibility for maintaining a productive and motivating work environment to achieve business goals.

**Fundamental Components:**

* Applied research, statistical analysis, data modeling and integration; directs development of health data strategic plans, policies and procedures for analysis of cost containment, quality and pricing information.
* Directs development of statistical/analytical procedures, processes, policies, data reports and/or products and quality matrices that support internal and external constituents.
* Directs the application of appropriate research design and statistical procedures utilized in internal and external studies.
* Presents analysis based recommendations to domain experts and other Aetna senior management or to external business clients; project and department management:
* Manages budgets, plans and expenses; may have cost center responsibilities; manages projects, people (in department or matrix environment), customer expectations and business priorities to achieve constituent satisfaction.
* Oversees day-to-day activities of the department; manages and builds a strong team through formal training, diverse assignments, coaching, mentoring and other development techniques.
* Responsible for team commitments to quality and on-time deliverables; motivates and is willing to understand and probe into technical details and mentors others to do the same.
* Contributes to a motivated work environment by working effectively to achieve common goals; solutions consulting and decision support:
* Develops and participates in presentations and consultations to existing and prospective constituents on information services, capabilities and performance results.
* Prepares proposals in response to business requests from Aetna Integrated Informatics' internal and external clients; turns analysis into business/customer solutions.
* Develops tactical and strategic solutions that satisfy information needs across products, segments and clients.

**Background/Experience:**

* 10 or more year of progressively complex related experience in data science engineering.
* Demonstrated ability to effectively communicate and negotiate across the business and in the external health care environment.
* Pharmacoeconomics and outcomes research using retrospective and predictive study design.
* Healthcare experience; pharmaceutical industry experience is a plus.
* Experience with Python, Hadoop, Java, Hive, Cassandra, Pig, MySQL, or NoSQL or similar.
* Experience with data mining tools, neural network techniques, machine learning procedures and structural risk minimization techniques; strong project management abilities.

**Education**

* Master's degree preferred.

**Additional Job Information:**

Aetna continues to build a world-class Data Science organization to capture data, understand context, generate insights and react in real time. We engage our business partners, providing solutions to improve the consumer experience, increase efficiencies, and optimize health outcomes for our members through leveraging cutting edge technology.

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.