OVERVIEW:

At Welltower Inc. (NYSE:WELL) we are driving innovation in health care infrastructure and delivery. We envision a new model of care that revolves around wellness – living well, aging well and keeping people out of the hospital. We partner with leading seniors housing and post-acute-care providers and with health systems to fund innovative solutions designed to keep patients out of higher cost, higher acuity settings while delivering better treatment at a lower cost. Our impact will be profound as we advance our work, our mission, and continue to assemble a diverse, talented, performance-focused team of employees.

JOB SUMMARY

A Data Scientist is someone who makes value out of data. This resource will integrate information from various sources and analyzes it for better understanding about how the business development performance can be enhanced, and to analyze output from AI tools that automate certain processes within the company. The Data Scientist will report to the business insight manager and help us discover the information hidden in vast amounts of data, and help us make smarter decisions. The primary focus of this role will be in applying data mining and predictive analytics techniques, doing statistical analysis, and building high quality prediction systems integrated with our business model.

KEY RESPONSIBILITIES:

- Assist the Manager, Business Insights with Welltower’s data and analytics strategy and predictive analytics application across Welltower.
- Work on creating predictive models and solutions to consume data for the purpose of analytics.
- Selecting features, building and optimizing classifiers using machine learning techniques
- Data mining using state-of-the-art methods
- Extending company’s data with third party sources of information as and when needed
- Analyzing the output of the predictive analytics model to make meaningful information valuable to Welltower investment process
- Enhancing data collection procedures to include information that is relevant for building analytic systems
- Processing, cleansing, and verifying the integrity of data used for analysis
- Doing ad-hoc analysis and presenting results in a clear manner

REQUIREMENTS: COMPETENCIES/BEHAVIORS:

Experience:

- Knowledge of the data and analytics landscape.
- Strong technical skills to include a deep understanding of (but not limited to): Reporting, Programming, Predictive Modeling, and Solution Architect.
- Excellent understanding of machine learning techniques and algorithms, such as Neural Networks, etc.
- Experience with common data science toolkits, such as R, MatLab, Python etc. Excellence in at least one of these is highly desirable
- Experience with data mining and data visualization tools, such as Alteryx, Tableau etc.
- Good applied statistics skills, such as distributions, correlation, statistical testing, regression, etc.
• Good communication skills and data oriented personality
• Excellent verbal and written communication skills with business and technology partners.
• Familiarity with Real Estate and Healthcare industries systems and specialist in business consolidation in diverse source systems.
• Knowledge of enterprise profitability and business planning and forecasting.

*Education:*

• PhD in Mathematics and Statistics or Physics or Economics with a focus on Predictive Analytics solution. Background in Computer Science, Information Systems, Engineering, Statistics or related field is required.

*Competencies:*

  o Quality of Work
  o Productivity
  o Communication and Teamwork
  o Initiative and Leadership
  o Customer Focus / Service
  o Technical
  o Analytical
  o Financial Acumen
  o Mathematical Acumen
  o Statistical Knowledge

**METRICS FOR MEASURING SUCCESS:**

• Build predictive analytics model and improve the accuracy of the result set

• Support initiatives affecting Welltower's data and analytics solutions
• Welltower’s data is protected and monitored against misuse and loss, and senior management is regularly assured of this, with no breaches occurring

*The work environment is characteristic of those found in a typical office environment. Reasonable accommodations may be made for individuals with disabilities to perform the essential functions.*

*Welltower is a drug-free and nicotine-free employer.*

*Welltower and its subsidiaries are equal opportunity employers and do not discriminate on the basis of any legally protected status or characteristic. Minority/Female/Disability/Veteran.*