PERVAZIVE AUTOMATION SOLUTIONS PRIVATE LIMITED

Overview

Pervazive(www.pervazive.com) was founded in 2011 by Harvard grads and experienced entrepreneurs and has a successful track record of commercializing disruptive technology. Pervazive's products help telecom operators address a major pain point of their operations – the high cost and effort of network maintenance. Pervazive products automate the mundane tasks of network maintenance; and using our real-time big data analytics stack, help move the needle away from reactive maintenance to predictive and preventive maintenance.

We are proud to count 22 of the world's leading telecom operators in our customer list. As a young, energetic company spearheaded by a leadership team with expertise in technology, decision sciences and network operations, we bring to the table the creativity of a disruptive startup along with the sagacity of a large corporation.

Executive Summary

We are the only machine intelligence company for Network Operations. Our machine learning and deep learning algorithms automate business functions by replacing human decision-making by data driven decision making. Our current vertical of focus is telecom operations.

We provide end to end near real time solution with our products: pTOM – > A data mediation layer to aggregate high and low velocity; structured and unstructured data from a variety of sources; kheddah – an intelligent, data sentient platform. With its domain-intimate data connectors and data driven decision sciences engine, it is the industry's first full-stack, big data streaming analytics platform; Machine Intelligence – A library of machine learning and deep learning algorithms to continuously learn from incoming data and evolve with successive iterations.; pSearch -> an interactive analytics engine to index massive volumes of unstructured data and enable interactive query and search.

Job Description

Position - Data Scientist - JDDS01

Vacancy - 1

Qualification and Experience:
- MSc/PhD in Mathematics/Statistics/Applied Mathematics/Applied Statistics – 5 to 8 years
- Research or experience solving Big Data, analytic problems using quantitative approaches and a proven passion for generating insights from data.
- Research or experience in manipulating and analyzing complex, high-volume (large data sets), high-dimensionality data from varying sources.
- Strong knowledge of statistical methods generally, and particularly in the areas of modelling and business analytics.
- Experience with Statistical modelling and structure/unstructured data analysis a plus
- Knowledge of graph theory and various ML algorithms like Page Rank, Shortest path, Connected components, Triangle Count, K-Clique, Loopy Belief Propagation, Gaussian Belief Propagation, Label Propagation, HotSAX, Latent Dirichelet Allocation, Logistic Regression, Linear Regression, Bayesian Algorithm, Decision Tree, Random forest, K-means etc
- Experience using R and Python

The candidate should have
* Eyes for nanoscopic details on underlying data.
* Excellent communication and presentation skills
* should be able to provide solution in a collaborative way working with both internal and external teams
* should be able to relate data analytics techniques and algorithms to create innovative solutions/insight.
* should optimize, expand and transform the data and present it effectively through the lens of information.
* Passionate about finding patterns hidden in data.
* A passion for mining information, solving insurmountable problems and finding unique trends to present
* should be able to work autonomously
* will get unique opportunity to work on most admired BigData solution.
* will develop customized BigData and analytics solution leveraging enterprise BigData environment.
* will contribute in developing solution based on results of analysis.
* will collaborate with Engineers, architects, consultants and managements to analyze the underlying data and provide insights to management about the predictive analysis.
* will work with large datasets of structured, semi- structured and unstructured data to discover patterns and work with different team to provide business value to this insights.