Akila Data Scientist
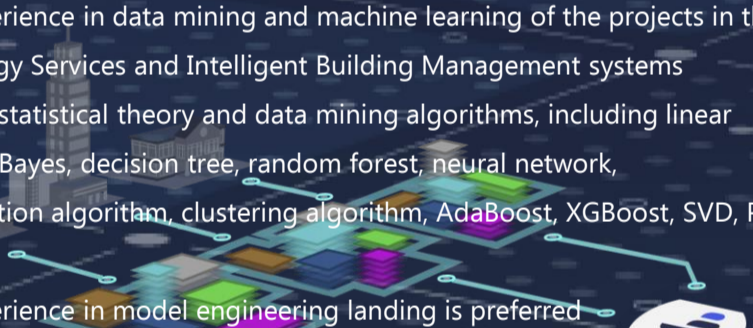
Duties:

- Formulates and leads guided, multifaceted analytic studies against large volumes of data.

- Interprets and analyzes data using exploratory mathematic and statistical techniques based on the scientific method.

- Build algorithms and machine learning models and build predictive models.

- Prepare data presentations after necessary data processing

- Coordinates research and analytic activities utilizing various data points (unstructured and structured) and deploy programming to clean, massage, and organize the data.

- Coordinates with Data Engineers to build data environments providing data identified by Data Analysts, Data Integrators, Business Experts.

Key skills and competencies:

- Advanced analytical knowledge of data.
- Conducting big data analysis.
- Programming advanced computing.
- Data conditioning.
- Data mining.
- Developing algorithms.
- Developing software and data models.
- Executing predictive analytics.
- Good knowledge of SPARK, R, Python, JAVA, etc.
- Building and sharing knowledge, developing team capability and collaboration

Education & Experience Requirements:

- Master's degree in Operations Research,
- Proficient with one or more programming languages (Java, C++, Python, R, etc.)
- Demonstrated experience applying data science methods to real-world data problems
- Practical experience in data mining and machine learning of the projects in the fields of Energy Services and Intelligent Building Management systems
- Familiar with statistical theory and data mining algorithms, including linear model, naive Bayes, decision tree, random forest, neural network, recommendation algorithm, clustering algorithm, AdaBoost, XGBoost, SVD, PCA, LDA, etc
- Practical experience in model engineering landing is preferred

Who we are :

Akila is a Shanghai-based startup in the digital twin industry, focused on accelerating a revolution in the way data is harnessed to optimize sustainability and efficiency in buildings and cities. We take the goal of net-zero carbon deadly serious; to achieve the mission, we have begun building a team of experts (50 people and still growing) from business, data, energy, engineering, building operations, construction and more.

The Akila digital twin platform is kicking off its public launch this year and is already in active use at 9 client sites covering 1M+ square meters, including major international names from retail, pharmaceuticals, chemicals, education and healthcare.

Where we come from :

Akila was incubated by Aden Group, an international group headquartered in Shanghai specializing in facility management, environmental services, private equity and more. The Akila team currently operates in Aden's Global HQ.

Akila

Interested in applying?