



JOB DESCRIPTION

Data Scientist MIMOS Berhad

Min 12 years (Senior Manager)

A. Position Purpose & Summary:

- Data Scientist will be responsible for developing predictive systems, creating efficient algorithms and improving data quality. He/She will work closely with the Research team and Development team to identify, evaluate, design and implement statistical analyses of gathered data such as open data, proprietary, and customer data to create analytic metrics and discovery of solutions to business problems that can be solved through the use of machine learning/predictive modeling.

B. Primary Duties & Responsibilities:

- Analyze large datasets to glean actionable insights and predict outcomes based on historical patterns.
- Discover new insights and understanding of business performance based on data.
- Explore and analyses business problems and to create customer scorecards.
- Identify, monitor and measure quality processes over time.
- Use statistical data analysis and leading technologies to drive fact based decisions.
- Explore the availability of new data source.
- Explore the data to find new patterns and relationship.
- Able to use Big Data technologies in the analytical process.
- Able to develop dashboards to visualize findings in precise and meaningful ways.
- Be a thought leader in the industry by constantly exploring innovative analytical techniques, processes and tools.
- Collaborate and work with strategic partners (companies / associations) as well as senior officials of relevant ministries, agencies and state representatives.

C. Accountability:

- The Data Scientist is accountable for using data to make decisions, which includes building descriptive, diagnostic, prescriptive and predictive models as well as developing new machine learning techniques that enable to make better decisions to achieve its goals.
- The Data Scientist requires Analytic Agility; the ability to quickly learn new modeling/machine learning techniques, programming languages, and see how these

ideas can integrate to optimize the business.

- Ability to lead a team and to execute projects using an agile approach in a multi-disciplinary, matrices environment.
- Experience driving research ideas and projects into new products and services.
- The Data Scientist is expected to derive business insights and solve complex business problems by applying advanced analytic and quantitative tools, modeling and data mining techniques.
- Demonstrated ability to quickly learn any language or tool required to do the job.

D. Technical Skills

- Ability to provide production-ready data science solution with high accuracy, robustness and scalability.
- Ability to pick-up the right tool (including Big Data technologies) which is available for performing data analytics.
- 3 to 5 years of experience in distributed computing, data mining, machine learning, and statistics related work Programming experience with Python, R, C/C++, and/or Java

E. Soft Skills

- Strong mathematical, statistical or actuarial background.
- Must have hands on experiences in data mining, machine learning, predictive analytics and statistical modeling tools such as Mahout, MLib, R, Python etc.
- Able to explain and get the buy in for the model developed to address specific use cases.
- High-value personal qualities – critical thinking and problem solving skills, ability to influence, work in teams, resourceful, responsible, tenacious and independent.
- Error-free oral, reading and writing competency in English and Bahasa Malaysia in all work and social settings.
- Able to present at all levels of the organization

WORK LOCATION

Address

Technology Park Malaysia