



## Contract Data Scientist - Business Intelligence and Analytics

### Job description

We are convinced that data science and machine learning approaches will transform the use of big data! Are you too? If you are open to explore a 12-month contract opportunity, join us as a technical expert and demonstrate thought leadership in the area of Artificial Intelligence (AI) / Machine Learning (ML); present research findings to stakeholders internally and externally. Sounds like a challenge to you? Apply today to find out more!

In your new role you will:

- Responsible for **analysis requests from start to finish**, including requirements gathering, conceptualization, analyzing and solving
- **Prove concepts, prototypes and implementations**, mainly pertaining to the solutions and services in Business Analytics encompassing **Computer Vision; Natural Language Processing; Reinforcement Learning; Machine learning & Deep Neural Networks**; and **Predictive & Prescriptive modelling**
- Collect, analyze and interpret **qualitative & quantitative data** with statistical theories and methods
- **Apply standard process CRISP-DM** (business understanding, data understanding, data preparation, modeling, evaluation, deployment), Machine Learning frameworks such as TensorFlow, PyTorch & Agile Methodologies for **Business Analytics projects**
- Create and review **technical design documentations, Researches**, including proposals, white papers, presentations, formal recommendations and reports
- Generate intellectual property

### Profile

You are best equipped for this task if you have:

- Masters' / Bachelors' Degree in Computer Science / Mathematics / Statistics with **at least 3 years** of relevant working experience
- Strong understanding, and hands-on working knowledge using **Data Science and Statistical methods for AI / ML** including **Deep Learning methods** (Convolutional Neural Networks, Recurrent Neural Networks and Generative Adversarial Networks)
- Working experience in **Text Mining** and **Natural Language Processing**

### At a glance

Location: **(Singapore)**  
Job ID: **72091**  
Start date: **as soon as possible**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Temporary**

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Job ID: **72091**  
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- Extensive experience in **software development cycles** and excellent **programming skill** with scripting languages & frameworks eg. **Python, Scala, Java, TensorFlow, PyTorch, Sklearn**
- Familiar with **micro service** and/or **big data technologies** such as **Openshift, Cloudera (CDH), Elasticsearch, CEPH**
- Good knowledge of **Agile Methodologies**
- Experienced in **best practice adaption** and **external benchmarking**
- Able to commit to **12-month contract period**

## Why Us

**Part of your life. Part of tomorrow.**

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

The Information Technology department has become an important business advisor for Infineon, converting business requirements into great IT solutions. It is responsible for provisioning hardware and software solutions at benchmark costs for all areas within Infineon reaching from office users to research & development, to frontend and backend production around the globe. More than 1200 IT-colleagues work closely together with other business areas and external partners. They increase the efficiency of business processes offering more than just modern equipment, secure infrastructure and newest communication solutions.

*In accordance with the requirements set by the Singaporean Government, Infineon Technologies Asia Pacific Pte Ltd ("Infineon") can only allow individuals who are (a) fully vaccinated, (b) certified to be medically ineligible for a vaccine or (c) have recovered from COVID-19 within a prescribed period, onto company premises. Therefore, Infineon requires all new employees, as well as contractors and business partners, to be fully vaccinated against COVID-19. "Fully vaccinated" means individuals have completed the full regime of an approved COVID-19 Vaccine as listed under the World Health Organization (WHO) Emergency Use Listing (EUL) including the respective post-vaccination period to ensure the vaccine has become full effective. Anyone who is unable to be vaccinated due to an approved and/or recognised exemption condition may apply for special consideration.*

