

The Insurance Authority (IA) is an insurance regulator established under the Insurance Ordinance (Cap. 41). The principal function of the IA is to regulate and supervise the insurance industry for the promotion of the general stability of the insurance industry and for the protection of existing and potential policyholders.

IA now invites applications for the following position:

Data Specialist

Reporting to the Application Development Team, Corporate Services, the incumbent will undertake the following:

Key Responsibilities

- Manage and support the data projects in the Authority.
- Lead, architect and support the development of data strategy, data policy, data governance policies and framework of the Authority.
- Architect the data platform of the Authority with respect to data acquisition, data management and processing, and data reporting such as analytics and presentation.
- Conceive analytics system imbued with machine learning to drive efficacy in the supervisory operation
- Able to manage contractor/vendors to deliver data related platform.
- Able to interpret business users' data requirement across wide business spectrum and provide intricate advice on how to extract meaningful insights from the data.
- Advice and impart knowledge to business on the use of data visualization to highlight KPIs for predictive, prescriptive and descriptive purposes.
- Expected to lead and manage a team of data analysts.
- Coordinate and work with the data stakeholders, the business users, IT teams and the Contractors for building up the data platform and infrastructure in the Authority.
- Provide advice and support the data pipeline, and the data governance and management operations, including data collection and acquisition, data storage and management, data processing, generation of dashboard, stories and reports, data quality assurance, as well as data analysis.
- Perform other tasks as assigned by the supervisors.

Requirements

- A Bachelor's Degree in Data Science, Information Technology, Computer Science or related disciplines.
- Minimum 5 years' working experience in system development of data management, data science and business intelligence related projects.
- At least 2 years' hands-on working experience in data warehouse / databases, data reporting tools / business intelligence tools.
- Familiar with data modeling and design, databases/data warehouse, Export-Transform-Load (ETL), SQLs and EXCEL macros, dashboard and story building, data report generation.
- Proficiency and practitioner in at least one of the following data integration/ETL tools: SQL Server Integration Services (SSIS), Informatica; business intelligence tools: PowerBI, Tableau, QlikSense, Cognos Analytics; databases/data warehouse: SQL Server, Oracle, or equivalent.
- Experience in data mining using SQL, R and/or Python or popular analytical based coding languages.

- Knowledge and exposure to machine learning algorithms, big data technologies, data analytic techniques is preferable.
- Good understanding in finance, actuarial science, auditing, accounting, economics and insurance industry is an advantage.
- Strong analytical, problem-solving and interpersonal communication skills.
- Self-motivated with multi-tasking ability, independent, good attitude and a team player.
- Self-starter and learner who can quickly pick up the meaning of the data behind the business operation.
- Strong command of written and spoken English and Chinese.
- Proven track record in the involvement of mission critical data platforms or projects which positively impacted an organization's operation.

Remuneration Package

A competitive remuneration package commensurate with the successful candidate's experience and qualifications will be offered.

Application

Review of the applications will start as soon as possible and continue until **21 February 2024, or until the post is filled**. Interested applicants may send a letter of application quoting the reference number in the heading, together with a full resume stating current and expected salaries by clicking "[Apply Now](#)".

The Insurance Authority is an equal opportunities employer. Applicants not invited for an interview within 2 months from the closing date may assume their applications unsuccessful. Applications may be considered for other suitable positions within IA. All applications will be handled in strict confidence and the information collected will only be used for recruitment purposes. All information on non-shortlisted applicants will be destroyed after 6 months from the close of application.

