# Senior Quant Analyst – Model Validation

## iNVESTi Pty Ltd

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**About us**

We are a fast-growing startup business focused on problem-solving, more specifically, your better choices for your investments. iNVESTi is driven by a pure desire to do place our customers on the same level as expert traders, without having to go through their years of training. We are continually evolving ourselves and leveraging the latest AI technologies to create elegant, innovative solutions across the financial sector.  iNVESTi empowers everyday Australians by providing customised, AI-enabled tools that have a meaningful impact on customers lives and outcomes in the financial markets.

Our goal is to empower everyday people to achieve their economic freedom, faster and cheaper through deep learning and utilising artificial intelligence to solve complex financial decisions in the stock market globally. We are excited by what is possible and where our innovations will lead - and we are just getting started!

**About your role**

The role of Senior Quant Analyst – Model validation will report to the Senior Financial Operations, is responsible for ensuring systems are updated and tested with Big Data and tested to validate AI systems.

**What you’ll do:**

* Provide expert analysis regarding influence events on commodities, technologies, cryptocurrencies, and related packages as well as validating credit risk structures, including A-IRB, scorecards, provisioning, stress testing and economic resources.
* Execute separate validations to question the approach, nature, execution, details and data of a concept whilst ensuring that it satisfies policy and regulatory criteria.
* You will have the ability to be a central part of the significant improvements planned to be introduced to such models in the near future, including the usage of deep machine learning technologies, adjustments over big data and the implementation of new regulatory frameworks;
* You will produce and present clear and enlightening model validation reports at approving committees and senior management.

**What will help you succeed:**

* Known for having an analytical mind, whenever faced with uncertainty, you wouldn’t hesitate in asking questions and pride yourself in your urge for improvement.
* Proven expertise in financial management, stock exchange and credit risk modelling validation
* Knowledge of Internal Ratings Based (IRB), provisioning, scorecard models, stress testing and economic capital modelling experience are highly regarded.
* High level written and interpersonal communication skills, being able to explain complicated issues to an unknowledge audience efficiently and effectively. Being influential is an essential skill.
* Skilled to deliver the best possible results, showing determination, resourcefulness and a sense of purpose.
* Solid knowledge of SAS, R, SQL and Excel in data analytics, modelling and visualisation.
* 3+ years relevant experience in a similar role.

**An advantage to have (however not essential):**

* Knowledge of Python, Git, Jupyter, Spark, cloud computing and machine learning is an advantage.

**Why you’ll enjoy working here**

You will be making a change in people’s lives! We are developing groundbreaking and cutting-edge AI innovations, implementing them across the equity market and the financial sector to help create an immediate, positive impact on the results and wealth of customers.

We are also believers in lifelong learning and will help you in enhance any path you want to progress your career.

We are a startup with a sense of community encouraging team activities and inclusive social gatherings; we celebrate milestones and take on great pride and responsibility for the work and impact we make.

Flexible working hours - we value work-life balance. We are also open to making this role fully remote if desired (based in either Melbourne, Brisbane or Perth).

We offer competitive remuneration - plus employee share options.

Beautiful and modern office space - located in the heart of Melbourne’s CBD at Southbank

**What’s next?**

If you want to make a change in people’s lives and this role sounds like an excellent fit for you, please apply online now, and we’ll review your application shortly.

**The application form will include these questions:**

Have you worked in a position that requests expertise with machine learning techniques?