


**Subsector:** Investment Banking

**Job Family:** Research

**Impact Level**

Today, this role is responsible for providing insightful advice based on the application of economic theory and knowledge, particularly in the behavior of the aggregate economy covering various phenomena.

Medium Impact

## Consolidated Activities

	Today	Future
<b>Secondary Research</b> (e.g., economic reports, monetary policy shifts)	Execution is rule based and document intensive by nature, and traditionally, time consuming to execute.	APIs can enable faster and in some cases, real-time access to information. AI (NLP) is able to decode large volumes of information, reducing the effort associated with manual research activities.
<b>Economic Modelling and Analysis</b>	Execution requires technical expertise/knowledge, and can be enabled by technology.	Machine learning is seen to develop complex economic models – such as predictions about economic growth. Automated quantitative capabilities will help to answer questions more rapidly.
<b>Economic Outlook Insights and Report Generation</b>	Execution requires deep technical knowledge. It is advisory in nature but there are aspects that can undergo straight-through processing.	AI (Natural Language Generation) has the potential to generate reports and commentary, but there are limitations as these models are less likely to account for irrational and out of the 'norm' behaviours and trends.

In the next

**3-5** years ...

Given that data mining and manual research tasks are being completed more rapidly than before, this role will be able to focus on incorporating subjective data and irrational phenomenon to increase the robustness of the data-driven models.

### Skills Differentiators:

- Data Storytelling:** The job holder will be required to present results in a manner which is persuasive as well as easy to understand to ensure that arguments/analysis outcomes are readily accepted.
- Advisory:** Even with the inclusion of data analytics and automation, it will still be critical for the job holder to provide economic advice and recommendations.
- Programming and Coding:** Coding proficiency will allow the job holder to run or evaluate complex mathematical models and simulations. The job holder will be required to continue learning new programming languages.
- Analytics and Computational Modelling:** Solid quantitative modeling skills are the foundation skills required for this role, and they will continue to be important despite advancement in automation. Instead of utilising Excel, this role may instead leverage advanced statistical tools to build/maintain econometrics models. Hence, **advanced digital acumen/literacy** may be important in the future.





**Subsector:** Private Banking

**Job Family:** Research

**Impact Level**

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Medium Impact

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