



Subsector: Enterprise

Job Family: Information Technology

Impact Level

Today, this role is responsible for collecting, organising, and interpreting statistical information to help companies make better business decisions.

Medium Impact

Consolidated Activities

	Today	Future
Data Collection	Data collation and integration of structured datasets that are high volume and time consuming in nature. RPA and AI are gradually being leveraged to consolidate data from primary and secondary sources.	AI-tools can be leveraged to address and adjust data issues – such as errors and irregularities. The process of converting raw information into data that can be easily understood – remains human centric.
Data Analysis	Execution can be supported by technology but it still requires technical oversight to ensure that analysis is carried out properly.	AI and Advanced Analytics could be used to analyse and identify trends in data sets to derive insights from unstructured and structured data sets.
Insights and Findings Presentation	Task requires human judgment and understanding of organisation needs and objectives to help provide relevant information to the business.	Data visualisation tools will continue to be leveraged to present findings to management in an easy-to-understand manner and to work with various business units to incorporate the insights into business decisions.

In the next

3-5 years ...

It will become increasingly necessary to make sense of Advanced Analytics to communicate insights across the organisation. This role will be augmented by technology, and given automation opportunities for the data gathering and collection processes to allow for greater allowing higher order thinking and analysis improving recommendations.

Skills Differentiators:

- ▶ **Business and Financial Acumen:** The job holder will possess commercial awareness to work effectively with business units, gain understanding of business needs, and leverage data to help them to build targeted solutions.
- ▶ **Lateral Thinking:** The job holder will be required to handle larger sets of data today, hence, the ability to 'connect-the-dots' and stay focused on big picture will remain important.
- ▶ **Investigation:** The job holder will demonstrate ability to gather and ascertain information to gain a deeper understanding of the problems, and ultimately, developing unique solutions to resolve outstanding issues.
- ▶ **Data Storytelling:** With more information gathered and analysed, the job holder will possess skills to effectively convey findings/messages to different audiences – ensuring that critical messages are communicated accordingly.
- ▶ **Process Excellence:** As systems and tools become available to improve the data collection aspects of the role, the job holder can highlight the root cause of their process inefficiencies and identify the right processes that require automation.

