

Specification of Competency Standards
for the Information & Communications Technology Industry
Unit of Competency

Functional Area - Data Science

Title	Identify and evaluate the data sources to fulfil the data requirements in support of business objectives
Code	111136L6
Range	This UoC involves identifying the reliable and dependable data sources with respect to defined data policies, enterprise data standards or use cases in support of business objectives
Level	6
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Identify and understand the data sources and data requirements</p> <ul style="list-style-type: none"> • appreciate data requirements and issues of availability and accessibility • understand the business objectives • identify data requirements that are in support of business objectives • identify data sources that aligned with the data requirements <p>2. Evaluate the data sources against the requirements</p> <ul style="list-style-type: none"> • establish the key required internal and external data sources as well as data availability and accessibility for data projects • Utilise extensive knowledge of a range of data sources both internal and external to the organisation, including where and how they were collected from (See Remark 1), where and how they are stored, and their interrelationships, to verify the relevance of potential data sources <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Be able to: <ul style="list-style-type: none"> ○ apply industry best practices to identify and evaluate the data sources ○ comply with the organisation's guidelines and procedures as well as any (local and international) laws and regulatory requirements, if applicable
Assessment Criteria	<p>The integrated outcome requirement of this UoC are the abilities to:</p> <ul style="list-style-type: none"> • manage the processes of data source identification in establishing the availability and accessibility of data from different sources to fulfil the data requirements in support of business objectives • identify and evaluate data sources effectively
Remark	1. Customer data platforms are primarily focused on collecting and aggregating first-party data, but they can also store second and third party data as well