

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

Functional Area - Data Science

Title	Keep awareness towards autonomous decision making process on the impact of business
Code	111153L6
Range	Keep awareness of various issues towards the autonomous decision-making process on the impact of business. Identify the technologies used in the autonomous decision-making process and appraise the relevant ethical challenges. For example, AI is one of the technologies widely used. The relevant ethical challenges include lack of transparency of AI tools, neutrality issues, new concerns for fairness and risk for human rights and other fundamental values
Level	6
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> <li>1. Keep awareness of various issues (See Remark 1) towards autonomous decision making process</li> <li>2. Identify the technologies for system design and analytics tools used in the autonomous decision making process</li> <li>3. Appraise the relevant ethical challenges (See Remark 2) for autonomous systems</li> </ol>
Assessment Criteria	The integrated outcome requirement of this UoC is the ability to keep awareness on the feasibility of using autonomous systems in business operations in a responsive and trustworthy fashion
Remark	<ol style="list-style-type: none"> <li>1. The issues include (but not limited to) trends, applicability, insight, etc.</li> <li>2. For example, AI is one of the technologies widely used. The relevant ethical challenges include lack of transparency of AI tools, neutrality issues, new concerns for fairness and risk for human rights and other fundamental values</li> </ol>