Assessment Requirements for ICTAII401 Identify opportunities to apply artificial intelligence, machine learning and deep learning

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Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. Newly created unit of competency to address in-demand skills needs.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- report on at least one opportunity for each of the following technologies that may be applied in a workplace or organisation:
    - artificial intelligence (AI) technologies
    - machine learning (ML) technologies
    - deep learning (DL) technologies.

In the course of the above, the candidate must:

- make comparisons between the AI, ML and DL technologies
- apply required organisational policies and procedures.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- functions and features of industry-recognised AI, ML and DL technologies used in organisations
- tasks and processes commonly automated in similar organisations, including:
    - creating and managing email campaigns
    - using chatbots and automated messaging platforms
    - analysing trends within datasets
    - hiring and recruitment
    - employee help desk support services
    - generating customer support logs and tickets

- key advantages and disadvantages of AI, ML and DL technologies
- key implementation risks for AI, ML and DL technologies
- organisational formats for documentation and reports
- organisational policies and procedures, and legislative requirements relating to work tasks.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- industry-recognised AI, ML and DL technologies that may be implemented
- opportunities for interaction with others
- work brief and organisational policies and procedures required to demonstrate the performance evidence.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet - - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2