



Australian Government

Assessment Requirements for ICTDAT502 Conduct significance tests

Release: 1

Assessment Requirements for ICTDAT502 Conduct significance tests

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

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:

- plan and conduct a significance test on extracted and normalised data and conclude finding on at least two occasions.

In the course of the above, the candidate must:

- identify and conduct data normalising methodologies
- develop a hypothesis used for significance testing.

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:

- data extraction methodologies
- data normalising methodologies used in data analysis and data reporting
- methodologies of securing and preparing data for data extraction
- industry standard data analysis methodologies
- technical requirements used in extracting different types of data
- hypothesis development for significance testing
- report writing for reporting significance testing in data analytics.

Assessment Conditions

Assessment must be conducted in a safe environment where evidence gathered demonstrates consistent performance of typical activities experienced in the customer service field of work and include access to:

- hardware and software and components required for data analysis tasks

- organisational data reporting style guide and reporting processes required for data reporting
- a site where activities can be carried out.
- data required for testing.

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>