



Australian Government

Assessment Requirements for BSBXBD402

Test big data samples

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with BSB Business Services Training Package 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:

- test two different big data samples: one transactional and one non-transactional
- conduct performance testing on two different big data samples: one transactional and one non-transactional.

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:

- legislative requirements relating to testing big data sources, including data protection and privacy laws and regulations
- industry protocols and procedures required to write queries and scripts for big data testing
- organisational policies and procedures relating to testing big data sources, including:
 - assembling and obtaining raw big data
 - performing data cleansing following extract, transform and load (ETL) testing
 - isolating sub-standard data and correcting data acquisition paths
 - quality assuring output
 - testing transactional and non-transactional sources of big data
 - storing test results and associated support evidence
- big data validation protocols, including:
 - big data testing methodologies
 - test scripting
- features and formats of common big data sources, including:
 - batched
 - real time
 - interactive
- protocols and techniques for:

- performance testing big data throughput
- processing and reporting issues.

Assessment Conditions

Skills must be assessed in a workplace or simulated environment where conditions are typical of a work environment that uses big data.

Access is required to:

- information and telecommunications equipment required to test big data sources
- big data sets to be tested
- industry standards, organisational procedures, and legislative requirements 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>