



**Australian Government**

# **Assessment Requirements for BSBXBD403 Analyse big data**

**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:

- analyse trends and relationships in two different sets of big data: one transactional and one non-transactional
- report on the results and insights from each analysis
- store analytics results from each of the two big data sets according to 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:

- purpose and benefits to organisation of big data analysis
- legislative requirements relating to analysing big data, including data protection and privacy laws and regulations
- organisational policies and procedures relating to analysing big data, including for:
  - identifying big data sources
  - establishing and confirming categories to be applied in analysis
  - analysing data to identify business insights
  - integrating big data sources, including structured, semi-structured, and unstructured
  - combining external big data sources, such as social media, with in-house big data
  - reporting on analysis of big data, including the use of suitable reporting and business intelligence (BI) tools
- industry protocols and procedures required to write basic queries to search combined big data
- required analytical techniques and tools to analyse transactional and non-transactional big data, including:
  - data mining
  - ad hoc queries

- operational and real-time business intelligence
- text analysis
- statistical concepts relating to big data analytics
- relationship between raw big data and big datasets
- common models and tools to analyse big data, including features and functions of Excel software for advanced analytics of external big data
- sources of uncertainty within big data
- classification categories of analytics, including text, audio/video, web and network
- role of technology and automation tools in performing big data analytics.

## 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 analyse big data
- big data sets to be analysed
- 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>