



Australian Government

BSBXBD406 Present big data insights

Release: 1

BSBXBD406 Present big data insights

Modification History

Release	Comments
Release 1	This version first released with BSB Business Services Training Package 6.0.

Application

This unit describes the skills and knowledge required to present insights relating to transactional and non-transactional big data in a format that is appropriate and accessible to the work area requesting it.

It applies to those who use big data analysis and presentation techniques in their day-to-day work in a broad range of industries and job roles.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Data Literacy – Data Literacy

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to present big data insights	1.1 Confirm business requirements for presenting big data insights 1.2 Determine context and target audience for presentation 1.3 Identify required big data relevant to business requirements
2. Develop presentation of big data insights	2.1 Create and test proof of concepts for presenting identified business solution 2.2 Identify key features and trends of captured big data in context of purpose and intended audience of presentation 2.3 Generate big data models based on key performance indicators for big data presentation 2.4 Produce interactive dashboards and other models that visualise identified data insights

ELEMENT	PERFORMANCE CRITERIA
3. Finalise presentation of big data insights	3.1 Present big data to required stakeholders in a format that meets business needs 3.2 Seek feedback from required stakeholders on presented big data according to organisational policies and procedures 3.3 Integrate feedback into big data presentation

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Learning	Modifies behaviour following exposure to new information
Numeracy	Completes at times complex calculations and record numerical big data
Oral communication	Asks open and closed probing questions and actively listens when consulting with stakeholders
Reading	Recognises and interprets information from relevant sources to determine organisational expectations and legal requirements
Teamwork	Works collaboratively with interdisciplinary teams to identify captured big data sets relevant to presentation
Writing	- Uses clear, specific and industry-related terminology to report on big data capture - Presents big data in a clear and logical manner
Planning and organising	Efficiently and logically sequences the stages of presenting big data
Technology	Uses appropriate technology platforms to present big data

Unit Mapping Information

No equivalent unit. New unit.

Links

Companion Volume Implementation Guide is found on VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>

Assessment Requirements for BSBXBD406 Present big data insights

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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:

- present the insights obtained from two different sets of big data using interactive dashboards and other models that serve to best visualise the insights.

One of the above sets must be transactional big data and one must be 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:

- importance and benefits of big data presentation
- strategies for determining requirements for presenting big data, including analysis of business areas that need improvement
- methodology for conducting exploration and discovery of new and big data, including:
 - visualisation software to combine data from various sources to drive better business insights
 - business intelligence tools to discover and present hidden insights in data sets
- structured, semi-structured and unstructured big data visualisation tools and techniques
- organisational policies, procedures and protocols relating to presenting transactional and non-transactional big data insights, including:
 - using statistical graphs, plots, and information graphics to communicate big data insights
 - seeking feedback from stakeholders on presented big data
- in-house and external sources of big data
- appropriate methods and tools for creating and representing big data reports, including:
 - charts
 - heat maps

- scatterplots
- dashboards
- interactive maps
- real-time data
- design approaches for visualising big data, including key performance indicators for the big data presentations in the performance evidence
- dashboard design principles, including audience, context and aesthetics.

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 and technology required to present and visualise big data
- big data suited to business requirement in performance evidence
- 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

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