



Australian Government

BSBXBD404 Use big data for operational decision making

Release: 1

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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 analyse, interpret and apply insights from big data when making operational decisions. It involves applying skills in decision making and techniques for using big data in day-to-day work.

It applies to those who work in leadership and management positions, including in their own small business, in a broad range of industries who use big data analytics to drive their operational decision making.

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. Identify business requirements relating to big data	1.1 Scope and confirm operational decision-making requirements 1.2 Identify opportunities for use of big data in business decision making 1.3 Confirm nature and scope of report requirements
2. Interpret big data sources and summaries	2.1 Access required big data sources and summaries according to organisational policies and procedures and legislative requirements 2.2 Apply insight analysis and descriptive statistics that support operational decision making 2.3 Use findings to identify insights that relate to identified operational decision-making requirements

ELEMENT	PERFORMANCE CRITERIA
3. Make operational decision based on big data analysis	3.1 Draft report on data analytics, applying identified insights to operational decision-making requirements 3.2 Seek input and integrate feedback from required stakeholders according to organisational policies and procedures 3.3 Finalise and distribute recommendations to required personnel according to organisational and legislative requirements

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	- Uses mathematical concepts and statistics required to use big data for operational decision-making - Completes at times complex calculations and records numerical data
Oral communication	Asks open and closed probing questions and actively listens when seeking input and feedback
Reading	Identifies and interprets information from relevant sources to complete work
Writing	Uses clear, specific and industry-related terminology to represent outcomes of big data analysis in reports
Planning and organising	Efficiently and logically sequences big data analytics to draw out insights and trends
Technology	Uses appropriate technology platforms when using 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>