



**Australian Government**

# **Assessment Requirements for AMPMGT809 Analyse data for business decision making**

**Release: 1**

# Assessment Requirements for AMPMGT809 Analyse data for business decision making

## Modification History

Release	TP Version	Comment
1	AMPv1.0	Initial release

## Performance Evidence

Candidates must complete workplace-relevant activities which involve assembling or obtaining raw data, processing it, and analysing and interpreting it in a way that enables sound decision-making. Evidence must demonstrate the candidate's consistency of performance over time.

Candidates must demonstrate ability to:

- analyse and interpret data
- identify sources of data, collect data, follow analysis procedures and explain results
- apply decision making skills
- negotiate effectively
- collect data and produce reports
- use problem-solving, initiative and enterprise skills to produce information relevant to business decision making
- use research skills to identify and collect data
- manage risk
- differentiate between different types of data
- differentiate between inferential and descriptive statistics
- apply linear regression and correlation analysis techniques
- provide advice for business decision making based on the results of statistical analysis

## Knowledge Evidence

Candidates must demonstrate specialised and integrated technical and theoretical knowledge of:

- relevant legislation, codes of practice and standards
- use of statistical data for business decision making
- methods of data presentation
- methods of describing data
- risk and uncertainty
- interval estimation

- hypothesis testing
- comparing group differences
- simple linear regression and correlation
- multiple regression
- time-series analysis
- the strengths and limitations of results produced by each statistical technique (error correction and hypothesis testing)

## Assessment Conditions

Competency must be demonstrated through sustained performance over time, at an appropriate level of responsibility and under typical operating and production conditions for the enterprise.

Assessment must ensure:

- competence is consistently demonstrated over time, and over a range and variety of complex tasks/projects and situations
- access to resources normally used in the workplace including organisational policies and procedures, relevant legislation

Assessors must satisfy current standards for RTOs.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5e2e56b7-698f-4822-84bb-25adbb8443a7>