

**Māori Data Analytics
(Micro-credential)**

Level 4, 10 credits

Micro-credential number (ID: XXXXX)

Reporting Code [Ref: XXXXX]

Toi Mai Workforce Development Council (MOE 6047)

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Listing

Title

Māori Data Analytics Micro Credential

Level and credits

4	10 credits
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Programme ID

Reporting Code

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Classification (NZSCED)

020199 Computer Science > Information Technology > Not Elsewhere Classified

Purpose

This Micro-credential is designed for people wanting to learn how to integrate cultural knowledge with applied skills in data and written communication. Grounded in the Poipoia Framework, a methodology developed by Auraki Group, the course offers a holistic learning experience that interweaves *Tirohanga Māori* (Māori perspectives), data capability, and effective writing.

Through this integrated approach, learners will develop the competencies required to navigate contemporary professional environments with confidence, while remaining anchored in their cultural identity. The course aims not only to build technical proficiency, but also to foster a strong sense of self, purpose, and contribution ensuring that learners are prepared to engage meaningfully in their chosen fields and communities.

Outcome

On successful completion of this Micro Credential, learners will be able to confidently apply data and written communication skills informed by tirohanga Māori, demonstrating both technical proficiency and cultural grounding. They will be able to analyse, interpret, and present information in ways that reflect their mana enhancing framework, ensuring their work is purposeful, relevant, and connected to their communities.

Education pathway

This micro-credential provides a pathway from a wide range of Level 2 or 3 qualifications in data analytics.

This micro-credential may provide a pathway to higher level study in data analytics, research or information management.

Cultural, community or employment pathway

On successful completion of this micro-credential, learners/ākonga may contribute their skills undertake work as research, iwi and Māori organisations & public sector roles.

Assessment standards

None specified

Review period

October 2028

Approval

Learning outcomes

- Design and apply a Mana Enhancing Practice Framework for ensuring mātauranga Māori is upheld in data gathering and use.
- Apply a Māori lens to the data cycle to ensure alignment with Māori data sovereignty and principles.
- Apply tikanga and kaupapa Māori values to support the ethical use of data analytics and artificial intelligence.
- Communicate insights clearly by using plain language to respond appropriately to data-related matters.

See - APPENDIX 1 - COMPONENT DESCRIPTOR

Need and acceptability

Need

This micro-credential addresses a growing need for Māori communities, Non-governmental organisation organisations working with Māori data to strengthen their capability in interpreting and managing data. While the IT sector continues to expand, Māori remain underrepresented in government priorities, creating a gap that this initiative seeks to fill.

The micro-credential content is proven and accepted, having been delivered as private training across Aotearoa. The development of a micro-credential allows for credentialisation of this content and a more accessible mode of delivery.

This development also meets Toi Mai's strategic priorities under the Education and Training Act by enabling a Māori provider to design and deliver qualifications that serve Māori learners and communities. It embeds kaupapa Māori, philosophies, and mātauranga, upholds Māori data sovereignty, and creates genuine opportunities for partnership that give effect to Te Tiriti o Waitangi.

Development Process:

- Weekly development meetings with small advisory group.
- Open consultation on Toi Mai's website October 2025 with targeted consultation and endorsement from iwi and organisations such as Rauru, Te Mauri o Rangitāne, Te Manu Atatu, and Mahitahi Trust.

Admission

None specified

Credit recognition and transfer, recognition of prior learning

Providers must have Quality Management System (QMS) credit recognition policies which include processes on cross-crediting, credit transfer, and recognition of current competency or prior learning for those already working in the industry without a qualification.

Length and Structure

Length

This micro-credential requires a minimum of 100 hours of learning and assessment and is designed to be delivered part-time. It is recommended that this is delivered over a minimum of 8 weeks.

Structure

This micro credential contains one component to be completed.

Assessment methods

Provider QMS assessment policy applies and should include re-assessment or re-submission; assessment intervals and/or reporting requirements.

Assessment will be competency based.

Assessment methods may include wānanga, presentation, and workbooks.

Moderation

Provider QMS moderation policy applies for external and internal moderation of assessment materials and decisions. This should include moderation of materials before they are used for assessment, moderation of assessment decisions before results are released to learners (if applicable), and moderation of assessor decisions post-assessment for self-assessment.

Completion

Learners must complete Component 1 to be awarded this micro-credential.

Review process

The standard setting body will review this micro-credential in collaboration with industry and providers according to the scheduled review date.

It is expected that providers ensure regular reviews of the provision of this micro-credential as part of their ongoing programme review process.

Review should be informed by feedback received through ongoing consultation with industry and graduates.

APPENDIX 1 - COMPONENT DESCRIPTOR

Component 1 - Māori Data Analytics			
Level	4	Credits	10
Assessment Standards	N/A		
Learning outcomes	• On successful completion of this component, learners/ākonga will: • Design and apply a Mana Enhancing Practice Framework for ensuring mātauranga Māori is upheld in data gathering and use. • Apply a Māori lens to the data cycle to ensure alignment with Māori data sovereignty and principles. • Apply tikanga and kaupapa Māori values to support the ethical use of data analytics and artificial intelligence. • Communicate insights clearly by using plain language to respond appropriately to data-related matters.		
Content	• Māori data sovereignty and principles • Mana Enhancing Practice Framework • Pōhiri • Data bias • Data cycle • Power BI structured tutorials. • Data sets • Ethics and tikanga in data analytics & AI. • Artificial Intelligence • Plain writing - scenarios		
Delivery Methods	In class wānanga and blending learning guided by mātauranga Māori		
Resources	Tutorial books, presentations, plain language online workbooks, guided sessions		
Assessment methods	May include presentation, written test, portfolio.		