

## **A Machine Learning Capability Uplift Strategy**

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### ***Abstract***

Machine learning promises to bring many benefits to statistical organisations - from improved efficiency through automation, to the ability make effective use of new sources of information. However, in order to maximise these benefits an organisation needs to gain maturity in their understanding and capacity to make use of machine learning. The ABS's Machine Learning Capability Uplift Strategy was developed to guide and facilitate the development of organisational maturity in machine learning.

Lower levels of organisational maturity can be characterised by experimentation, isolated pockets of excellence, singular benefits and limited consideration of enterprise level systems. A more desirable state is to have machine learning embedded organisationally with widespread capability appropriate to staff roles, enterprise systems and well-understood processes and methods for development and implementation.

The Machine Learning Capability Uplift Strategy identifies four objectives to help the ABS develop towards this level of maturity:

1. Learn how to harness ML for the business of an NSO
2. Build capability within our organisation
3. Champion and raise awareness of applications of machine learning
4. Work in partnership with others internally and externally.

In this talk I will give a brief overview of the initiatives proposed to progress these objectives and other components of the Capability Uplift Strategy.