TM #02: Artificial Intelligence and Machine Learning for Aviation Applications

The transversal module **Artificial Intelligence and Machine Learning for Aviation Applications** has been designed to provide a general understanding on the topics of Artificial Intelligence and Machine Learning and their application to the aviation industry.

Key Learning Objectives

- Understand basic Artificial Intelligence and Machine Learning concepts
- Understand and give examples of applications of AI/ML in different areas of the aviation industry
- Analyse and identify future AI trends and applications in the aviation sector

Key Learning Topics

- Basic Artificial Intelligence and Machine Learning concepts and terminology
- History of Artificial Intelligence and Machine Learning
- Types of Machine Learning
- Basic Artificial Intelligence and Machine Learning techniques & algorithms
- Current, emerging and future applications of Artificial Intelligence in aviation
- Trustworthy Artificial Intelligence

Training Module Format:

- Asynchronous to allow the completion of the course in one own pace
- Assessment activities throughout the course

Training provider: University of Malta

For more information about the training, please contact Jason Gauci (jason.gauci@um.edu.mt)

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