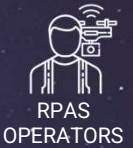
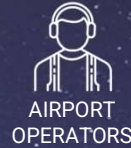


TM #02: Artificial Intelligence and Machine Learning for Aviation Applications



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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