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GLOBAL AVIATION TRAINING  
TRAINAIR PLUS™



Flight Safety & Safety Management

# Aviation Data-driven Decision Making (AD3M) - Part 1



Online

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# Aviation Data-driven Decision Making (AD3M) - Part 1 Online

Are you making the right business and management decisions? Register now and join aviation peers and decision makers in this exciting new course!

This Aviation Data-driven Decision Making (AD3M) - Part 1 online course explores the fundamental concepts behind data-driven decision making.

## ▶ COURSE OUTLINE:

The following online modules cover:

1. What is AD3M? Challenges and benefits.
2. Data management, data governance, data development, data quality, data security.
3. What are metrics? Indicators. What makes a good indicator?
4. What is data analysis? Types of statistical analysis. Descriptive statistics. Inferential statistics. Correlation vs Causation. Predictive analysis. Regression model.
5. Data visualization. Basic charts, stacking, time series, scatterplots, maps, dashboards.

## ▶ LEARNING OBJECTIVES:

After having successfully completed this course, participants will be able to:

- Explain the fundamental concepts behind data-driven decision making.

## ▶ TARGET POPULATION:

Aviation professionals and managers from Civil Aviation Authorities (CAAs), airlines, aerodrome operators, and other service providers involved in collecting, managing, reporting or making decisions using aviation data.

## ▶ STRUCTURE OF THE COURSE:

**Duration:** 13 hours

**Delivery Mode:** Online course

**Language of instruction:** English



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