

Data-Driven Decision-Making

Course Number: 4604

Length: 2 Days

Primary Delivery Method: Instructor-led online (synchronous)

Alternative Delivery Methods: Instructor-led live classroom

Course Description

Explore the General Decision Support Model, a framework that guides effective decision-making during the analytics process and helps ensure a sound business strategy based on facts. You will practice developing the questions, understanding stakeholder needs, identifying risks and uncertainties, and analyzing plan components, and will determine how to gather and analyze data to evaluate and communicate alternatives to upper management for decision-making. Examples, relevant discussions, and the use of Microsoft Excel will provide you with value that can be transferred back to the real-world environment.

Intended Audience

Participants who take this course will be individuals who gather and analyze data, as well as individuals who make decisions based on data gathered by others.

Client-Provided Facility Requirements

- 1 computer per student with Internet and Microsoft Office 2016

Course Learning Objectives

- Describe data-driven decision-making and the Analytics Process Model
- Recognize a process to effectively use data to make decisions
- Create a well-defined problem that leads to the analysis plan
- Integrate the problem, analysis plan, data collected, and analysis results to make a well-informed decision
- Evaluate alternatives based on the analysis
- Prepare to communicate the decision to stakeholders

Course Additional Features

- Producer Support
- Technical Support Team
- Post-Course Connection
- Extended Learning Bursts
- Dedicated In-House Accessibility/Section 508 Compliance
- Student Resource Guides
- AI Prompts
- Satisfaction Guarantee

All details about the Additional Features are available on this page. [Click here to Explore](#)

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Course Schedule

DAY ONE	
MORNING	Introduction
	Lesson 1: Overview of Data-Driven Decision-Making
LUNCH	
AFTERNOON	Lesson 2: Defining the Problem
	Lesson 3: Analyzing and Understanding the Data

DAY TWO	
MORNING	Lesson 3: Analyzing and Understanding the Data, continued
	Lesson 4: Evaluating the Alternatives
LUNCH	
AFTERNOON	Lesson 4: Evaluating the Alternatives, continued
	Lesson 5: Communicating the Decision
	Course Evaluation

Learning Methods

Individual, small-group, and large-group exercises; lecture, discussion, case study, action planning

Credits

National Association of State Boards of Accountancy (NASBA)

- Field of Study: Statistics
- Level: Intermediate
- CPEs: 16

Professional Development Units (PDUs)

- Credits: 14

Data-Driven Decision-Making

Continuous Learning Points (CLPs)

- Credits: 16

Management Concepts Certificate Program Relationship

This is a core course in the following program(s):

- [Project Management Associate Track](#)

This is an elective course in the following program(s):

- [Supervision Certificate Program](#)
- [Agile in Government Master Track](#)
- [Business Analysis and Requirements Management Master Track](#)
- [Data Analytics Certificate Program](#)
- [Enterprise Risk Management](#)
- [Internal Control](#)
- [Project Management Master Track](#)
- [Program Management Certificate Program](#)

Prerequisites

Mandatory

- Basic knowledge of Microsoft Excel

Suggested

- [Introduction to Analytics](#)
- [Analytics Boot Camp](#)

Pework

There is no pework required for this course.

Requirements for Successful Completion

Full (100%) attendance is expected and required. Successful completion of the course depends on full class attendance and active participation in individual and group exercises.

Follow-On Resources

- [Data Collection Techniques](#)

Data-Driven Decision-Making

- [Data Analysis and Modeling Techniques](#)
- [Evaluating and Presenting Analysis Results](#)
- [Introduction to Evidence-Based Hypothesis Building](#)
- [Data Storytelling for the Federal Government: Numbers to Narratives](#)
- [Federal Analytics Simulation: A Data Quest](#)
- [Championing Data: Building a Data-Savvy Federal Workforce](#)

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Ready to Enroll?



See the most recent course information and scheduled classes at this link:
<https://www.managementconcepts.com/course/id/4604>



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