

Frequently Asked Questions

Course Title: Evidence Based Analysis for Federal Employees

Course #: 4612

Duration: 2 Days

Delivery Method: Instructor-led online (synchronous)

Alternative Delivery Methods: Instructor-led live classroom

1. What business or organizational need does this course address?

Strengthen federal analysis by testing assumptions, evaluating evidence, and applying structured reasoning to real work. Participants learn practical methods to identify data bias, avoid logical fallacies, select meaningful measures, and align evidence with organizational goals. Apply these techniques to produce more defensible analysis, strengthen recommendations, and support accountable, results-driven decision-making.

2. Who should attend?

Federal employees responsible for analysis, program oversight, evaluation, planning, or policy development who need to test assumptions, use evidence effectively, and improve decision quality.

3. What will I learn how to do in this course?

- Identify whether decisions are logically based on evidence
- Identify aspects of critical thinking in evidence-based hypothesis building: challenging biases, asking questions, promoting meaningful metrics, and ensuring quality data
- Describe strategies to use existing data to form hypotheses
- Develop hypotheses using probabilistic reasoning
- Understand the purposes of documentation and processes that enable achieving the benefits of evidence-based hypothesis building
- Evaluate the alignment of hypotheses with organizational goals using evidence of progress toward those goals

4. What kinds of activities are included in this course?

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

5. Are there prerequisites for this course?

Mandatory:

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- Basic Excel skills

Suggested:

- [Introduction to Analytics](#)
- [Data Ethics Framework](#)

6. Do I have to complete any prework for the course?

There is no prework required for this course.

7. Is this course applicable toward a professional certification?

No, this course is not applicable toward a professional certification. However, many Management Concepts courses do prepare you for professional certification programs. Click [here](#) to see a full list of professional certification programs that are supported by Management Concepts training courses.

8. Does this course count for credit toward a Management Concepts Certificate Program?

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

- [Data Analytics Certificate Program](#)
- [Project Management Master Track](#)

9. What credits do I earn by completing this course?

The following credits are available for this course:

NASBA CPEs: 16

NASBA Field of Study: Business Management & Organization

NASBA Level: Intermediate

CEUs: 1.2

PDU: 14

CLPs: 16

10. What course(s) do you recommend after I complete this course?

- [Introduction to Analytics](#)

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- [Federal Data Ethics Framework](#)
- [Data-Driven Decision Making](#)
- [Introduction to Data Visualization](#)
- [Data Storytelling for the Federal Government: Numbers to Narratives](#)
- [Evaluating and Presenting Analysis Results](#)
- [Leveraging Artificial Intelligence for Federal Decision-Making](#)
- [Championing Data: Building a Data-Savvy Federal Workforce](#)

11. What are Additional Features?

Most courses and training solutions have **Additional Features** designed to help every learner master and retain the concepts explored in the course. You can see which Additional Features are added to this course on the course page under the **Learning Objectives & Additional Features** tab – and for a more detailed exploration of our Additional Features, you can visit [this web page](#).