

Frequently Asked Questions

Course Title: Federal Analytics Simulation: A Data Quest

Course #: 4625

Duration: 5 Days

Delivery Method: Instructor-led online (synchronous)

Alternative Delivery Methods: Instructor-led live classroom

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

Hone your data analytic skills by applying them to a scenario-based Federal case study. Start with the raw data files of a fictional project at a Federal agency and follow a narrative arc that participants reveal as they progress through the data. Learn to transform data into actionable decisions that support the agency's mission, to identify analytic objectives, collect and prepare data, select analytical techniques, and interpret results. This creative training emphasizes real-world application, critical thinking, and effective communication of findings. By the end, you'll be equipped to make data-driven decisions and present actionable recommendations to meet organizational goals.

2. Who should attend?

This course is intended for anyone who has developed a robust set of data analytic skills who wishes to practice them within a real-world case study.

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

- Identify analytic objectives and criteria that meet an organization's goals
- Collect, integrate, and prepare data to be used in the analyses
- Select the techniques to be used in the analyses
- Decide what additional data is needed to be acquired to support the analyses
- Analyze and interpret the data
- Evaluate the results of the analysis and whether they achieve the analytic objectives
- Plan a presentation, communicate the results of the analysis, and make recommendations

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

Lecture, discussion, case study, action planning

5. Are there prerequisites for this course?

Mandatory:

Frequently Asked Questions

- [Analytics Boot Camp](#)
- [Data Analysis and Modeling Techniques](#)

Suggested:

- [Data Collection Techniques](#)
- [Evaluating and Presenting Analysis Results](#)
- [Introduction to Data Visualization](#)

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 a core course in the following program(s):

- [Data Analytics Certificate Program](#)

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

- [Business Analysis and Requirements Management Master Track](#)
- [Agile in Government Master Track](#)
- [Project Management Master Track](#)
- [Program Management Certificate Program](#)

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

The following credits are available for this course:

NASBA CPEs: 40

NASBA Field of Study: Statistics

Frequently Asked Questions

NASBA Level: Advanced

CEUs: 3.2

PDU: 35

CLPs: 40

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

- [Leveraging Artificial Intelligence for Federal Decision-Making](#)
- [Data Storytelling for the Federal Government: Numbers to Narratives](#)
- [Introduction to Evidence-Based Hypothesis Building](#)
- [Federal Data Ethics Framework](#)

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](#).