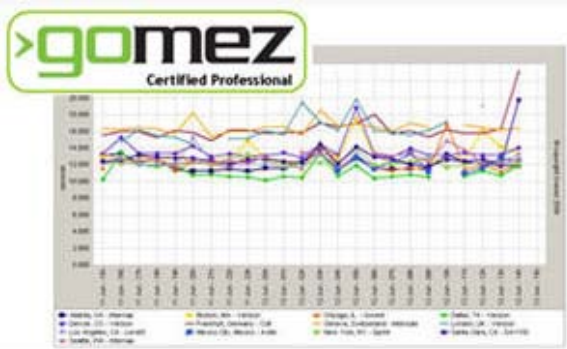


Gomez Data Analyst Certification Course



Benefits of Certification

- Demonstrate expertise in web performance analysis using the Gomez Platform
- Become a leader in your company when it comes to web application performance
- Benefit from contact and collaboration opportunities with Gomez certified professionals

You are on the path to becoming a Gomez Certified Professional, and this course will help you to achieve your goal.

You can go through the pre-recorded chapters at your own pace. You can watch and review these topics whenever it is convenient for you. While watching the recordings, you can follow along and take notes in the course workbook. These chapters cover all of the topics included in the certification exam.

A lab exercise accompanies the training chapters. These will guide you through some questions and activities to help you understand some of the topics covered in the lecture.

In addition to the training materials on data analysis, you will find other tools, such as a discussion forum and instructor office hours to help you be successful.

After you have completed all of the chapters, you will take an online test covering these topics. When you achieve a passing score on the exam, you will be recognized as a Gomez Certified Data Analyst.

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Course Resources

Materials



When you enroll for certification, you will receive a workbook for this course.

Prerequisites



This course assumes that you already know how to use the Gomez tools for data analysis. The technical training courses in Gomez U cover these tools.

Discussion Forum



Want to ask a question or share a tip about topics covered in this course? This forum is open to certification students and alumni. You will also find Gomez staff joining in the discussion.

Instructor Office Hours



If you would like to have a live discussion about something in the course with an instructor, register for a session shared with a small group of certification students.

Office hours are available to students currently studying for the certification exam. If you have already finished your certification, you are invited to continue to participate in the Discussion Forum.

Taking the Certification Exam



Once you have completed the course chapters and you are ready to take the exam, we will send you the information you need to login to the online exam service and take the exam.

Course Topics

Network Architecture

In the first session of this course, we will find out about the Gomez tools for monitoring web performance and the underlying architecture of the ExperienceFirst platform tools.

Web Performance Issues

There are many components of a web application that can affect its performance. Session 2 looks at several common causes of web performance issues.

The Performance Improvement Cycle

The Performance Improvement Cycle is a methodology you can apply to improve your visitors' web experience. Session 3 shows you how you can apply this to any of your performance goals.

Error Isolation

If a web site has errors, they will impact the visitor's experience. This topic covers the tools and techniques of isolating errors.

Session 4 is a general discussion of error isolation

Session 5 covers isolating errors using Active Network XF tests run on the Internet backbone and Private Network XF

Session 6 covers isolating errors using Active Last Mile XF tests run on Gomez end-user peers and Private Locations XF

Session 7 covers isolating errors using Actual Experience XF data from real user visits

Course Topics (continued)

Response Time and Consistency

A poor or inconsistent response time will also impact the visitor's experience. This topic covers the tools and techniques of isolating the factors contributing to response time that needs improvement.

Session 8 is a general discussion of response time and consistency

Session 9 covers response time for Active Network XF tests run on the Internet backbone and Private Network XF

Session 10 covers response time using Active Last Mile XF tests run on Gomez end-user peers and Private Locations XF

Session 11 covers response time using Actual Experience XF data from real user visits

Using Alerts

Once you understand your expected performance, use alerts to let you know when your performance levels change. Session 12 discusses alerts from both Active Network XF tests and Actual XF visitors' experience.

Streaming Media

Session 13 shows how to use Active Streaming XF to analyze the performance of streaming media.

Using Dashboards

You can include the results from active monitoring in a dashboard to monitor performance from your desktop. Session 14 discusses the interpretation of dashboard data.

Data Feeds

Data feeds are a way to access raw performance measurements without going through the ExperienceFirst screens. Session 15 compares the different types of data feeds available and demonstrates how to use them.