



GOMEZ XF DATA ANALYST CERTIFICATION COURSE

Get you and your team trained and certified in web performance testing and analysis at the Gomez Data Analyst Certification Course. Taking the certification course will help you more quickly identify performance problems using the Gomez ExperienceFirst™ Platform and other free tools.

The Gomez XF Data Analyst certification will enable professionals to distinguish themselves by demonstrating their in-depth knowledge and expertise in Gomez Performance Technology. They are capable of utilizing Gomez Technology to identify, diagnose, and communicate web performance issues and strategies.

This training session will cover all the material that will be in the certification exam. This one-and-one-half day, instructor-led course provides students with the knowledge and skills they need to successfully isolate and identify web site performance problems using the Gomez ExperienceFirst™ platform. This course helps prepare students for the Gomez Data Analyst Certification exam.



Audience

This course is intended for existing Internet performance analysts who are using the Gomez ExperienceFirst™ platform to investigate web site performance. This course assumes that the students are familiar with web site performance issues and with using the Gomez tools.

Prerequisites

Before attending this course, students should be familiar with using the tools in the Gomez ExperienceFirst™ platform to the level covered by the online tutorials in Gomez University. This course will review some of those concepts, but will assume that students are familiar with them.

Data Analyst Certification Course Materials

The student kit includes a comprehensive workbook which covers all of the topics included in the certification exam. Upon completion of the course, students are provided with login instructions for completing the online certification exam.

Our program will help you to:

- Understand how to monitor, measure, and report on key performance metrics like consistency geometric mean, percentiles and medians, and confidence intervals
- Identify and diagnose website hardware and software changes related to availability, end-to-end response time, hosts or connections, DNS, first byte, content download times, etc.
- Establish and analyze baseline performance metrics to A/B test and identify application changes
- Create, compare and identify competitors' performance and best practices
- Monitor Service Level Agreements and identify 3rd-party performance issues
- Determine if performance issues are caused by the Internet, 3rd-parties, or your own infrastructure
- Isolate performance differences based on geography, network, capacity, time of day, etc.
- Extract performance data for advanced statistical analysis through the use of Excel pivot charts

Data Analyst Certification Course Outline

Section 1. Web Performance Issues

- Baseline, compare, and dissect the measurement
- Measurement metrics
- Finding and remediating root causes of performance problems

Section 2. ExperienceFirst™ Network Architecture

- Active and passive network monitoring
- Active Last Mile XF
- Actual Experience XF

Section 3. Error Identification and Isolation

- Error sources
- Error diagnosis
- Alerts and Dashboards
- Error isolation (Active Network XF)
- Error isolation (Active Last Mile XF)
- Page details (Actual Experience XF)

Section 4. Performance Improvement Cycle

- Baseline Diagnose Remediate and Validate cycle
- Baseline testing and core business processes
- Performance improvement methodology
- Baseline testing and methodology

Section 5. Response Time and Consistency

- Identifying problems and trends in response time
- Domain charting
- Using histograms and quartile breakouts
- Object level charting and waterfalls
- Page load time components
- Other performance factors
- Consistency
- Active Last Mile perspective
- Actual Experience XF performance metrics, Actual Experience XF user experience characteristics, and Actual Experience XF time charts

Section 6. Monitoring Performance

- Benchmarks
- Health Monitor
- Service Level Agreement reporting
- Data feeds



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Specifications may change. Consult the technical documentation for the most current information. Some features described are extra cost options. Ask your sales representative for details.