

DAU Certified Data & Analytics Tester



Organizations are becoming increasingly dependent on their data and analytics solutions. Developers and testers are required to demonstrate the quality of these products, but how to achieve this? Until recently, we faced a severe lack of specialized education covering the testing of data warehouses, business Intelligence and analytics. Today, Verified can provide the DAU certified training “Certified Data & Analytics Tester - Foundation Level” (CDAT), enabling participants to acquire the necessary theory to create an effective testing strategy and the skills to execute it.

Introduction

Today, each of us recognizes the importance of data for our business models. Data radically changed complete industries. Just think of real estate, telecom, energy companies, insurance, music, aviation, consumer goods, hospitality and gaming.

These organizations hire professionals who can collect, analyze, model and visualize (Big) Data. They trust on reliable, complete, correct and on-time delivered information. Not just once, but continually. Data professionals cannot permit mistakes and they need the facilities and possibilities to prove that the trust is well deserved. Demonstrating its quality is key.

So, where to start? This course will provide insights and skills to create a structured testing approach in complex data and analytics projects.

Set up

During this 2-day course at foundation level you will learn about data and analytics; what is it and how to test in a data & analytics environment. The testing strategies and methods are based on international testing and data management standards (e.g. ISTQB, DAMA) with a specific and practical translation to the data & analytics environment.

The course is set up in such a way that both data professionals and testing professionals get to share a common framework, creating 'one language' regarding testing in data & analytics environments. Accordingly, candidates will learn how to analyze risks, define a purposeful testing strategy and design test cases to reach and improve the quality goals. Also, candidates will learn to improve governance of the testing environment, taking privacy and information security into consideration.

Subjects

After this training, you will:

- be able to define a testing strategy - and to translate it to an efficient test approach in data-oriented environments and -projects.
- become familiar with useful test design techniques applicable to data & analytics projects.
- be able to distinguish between different data quality attributes, measure them and understand and apply data profiling techniques
- have become familiar with the specifics of the test environments and security- and privacy aspects.

Program

Day 1:

- Creating a common foundation, explaining the basics of data modelling, business Intelligence, data warehousing, data mining and analytics
- Testing and the testing process
- Risk based testing and the Product Risk Analysis
- Testing reports and dashboards

Day 2:

- ETL Testing (1): Testing completeness
- ETL Testing (2): Testing transformations
- Data Quality, Data Profiling
- Tester's Skills
- Test environments in Data & Analytics
- Privacy aspects and Information Security
- Test tools

Requirements

No specific education and/or training is required. Knowledge of ISTQB is an advantage but not required.

Target Audience

The course is designed for testing professionals, business analysts, data warehouse developers and BI-consultants.

Exam

After this course, attendees can plan an exam with Brightest. After passing this (multiple choice, 40 questions) exam successfully, the attendee will be rewarded with the internationally acclaimed certificate "DAU Certified Data & Analytics Tester (Foundation Level)" including a Credly™ Badge to demonstrate the new acquired knowledge.

Trainers

Armando Dörsek

Armando is a DAU Master Trainer and has trained many groups in Certified Data & Analytics Tester. Armando holds several ISTQB and TMap®Next certifications and demonstrates 20+ years of experience in ICT of which the last 8 years in Business Intelligence, Data Warehousing and/or Analytics focused environments.

Rogier Ammerlaan

Rogier is a DAU Master Trainer and has been active for many years in the disciplines of software quality and agile development, both in Finance and Industrial Automation. As a professional trainer, Rogier has provided a vast number of trainings varying from testing to business analysis.

Duration

2 days (or 4 shorter online sessions)

Price

€ 1.195,- ex. VAT (including materials and one exam (€ 200,- ex. VAT))

Course Dates and Locations (2021)

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|----------------------------|---------|---------------------|
| ○ Jan 25, 26 | Dutch | NL, Utrecht |
| ○ Feb 18, 25 and Mar 4, 11 | English | Online (14-17h CET) |
| ○ Mar 25, 26 | Dutch | NL, The Hague |
| ○ May 26, Jun 2, 16, 23 | English | Online (14-17h CET) |
| ○ Jun 8, 9 | Dutch | NL, Amsterdam |
| ○ Jul 12, 13 | English | DE, Berlin |

Contact

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