

## PARTICIPANT'S GUIDE

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Welcome to the **Data Capture and Validation** course, part of the DHIS2 Fundamentals courses program. In the Introduction to DHIS2 course, you gained an overview of DHIS2 and how it can be used to handle large amounts of data from various sources and formats, generate visualizations, and make informed decisions. In this course, we will address the first step necessary for this process to occur: data capture and validation.

### What will I learn?

After completing this course, you'll be able to:

- Identify the types of data you can enter into DHIS2
- Enter data into DHIS2 using a web browser with the Data Entry app
- Enter data into DHIS2 using an Android device with the DHIS2 Capture app
- Enter data into DHIS2 while offline
- Run a data validation test on your data
- Complete a data set
- Use the Data Quality app to run a batch validation test on aggregate data, check for outliers and check for data that is marked for follow-up
- Use the Reports app to generate reporting rates and generate data set reports

### What are the course prerequisites?

You need to complete the **Introduction to DHIS2** course before starting this course

### How will I learn?

In each module, you will find the content presented in text or videos of approximately 5-7 minutes in length, followed by step-by-step activities and ungraded knowledge check questions, where you will be able to interact with a training DHIS2 system and explore the platform. At the end of Modules 1, 2, and 3 you will find mandatory graded quizzes composed of a random selection of questions from the knowledge check questions you have previously seen in the module and some new questions. Modules 2 and 3 also contain

assessment labs where you will be asked to perform tasks in the DHIS2 training instance. To earn the course certificate, you'll need to pass the module quizzes and assessment labs.

You can watch the videos at your leisure or download them to watch later. You can also use the speed button to control the pace of the videos or the transcripts provided if you need them.

## Course structure

DHIS2 Fundamentals: Data Capture and Validation is comprised of 4 modules and an introductory module:

- Module 1: Key concepts for Data Capture in DHIS2 (30 mins)
- Module 2: Entering aggregate data in DHIS2 (1 hr 50 min)
- Module 3: Data Quality and Validation in DHIS2 (1 hr 50 min)
- Module 4: Next steps (10 mins)

### Module 0 – Start here (30 min)

- Pre-course Survey
- About the course
- Using the Online Academy platform
- Introductions

### Module 1 – Key concepts of Data Capture in DHIS2 (30 min)

- Overview of the module
- Introduction to Data Capture and Validation
- Data models and entry apps
- Module quiz
- Module summary
- Feedback Survey

### Module 2 – Entering aggregate data in DHIS2 (1 hr 50 min)

- Overview of the module
- Create your account in Trainingland
- How to access DHIS2 Trainingland instances
- Data Entry app
- Android Capture app
- Module quiz
- Module Lab
- Module summary
- Feedback Survey

### Module 3 – Data Quality and Validation in DHIS2 (1 hr 50 min)

- Overview of the module

- Data quality during data entry
- Data quality after data entry
- Reports app
- Module quiz
- Module Lab
- Module summary
- Feedback Survey

### Module 4 – Next steps (10 min)

- Next steps
- End-of-course Survey

## How long will it take to complete the course?

We estimate the course will take approximately 5 hours to complete. This includes the review of all videos, readings, and completing all graded assignments. As this is a self-paced course, note that this may vary slightly for each learner.

## How do I pass the course?

The course consists of 2 types of assessments that contribute to your final grade:

- **Quizzes:** at the end of each module, you will find quizzes composed of multiple-choice, multiple-response, and/or true or false questions that will assess your comprehension of the main concepts behind DHIS2. You will have between 1 and 3 attempts to answer each question correctly, and you will need an overall 80% score or higher to pass the quizzes. You will find the number of attempts permitted by question next to the Submit button. The quizzes contribute to 50% of your final grade.
- **Assessment labs:** in Modules 2 and 3 you will be asked to perform specific tasks in a DHIS2 training instance. After completing those tasks, you will have to answer multiple-choice questions to assess your comprehension of the exercise. These assessment labs contribute to 50% of your final grade.

To pass the course, an overall grade of 80% is required.

## Academy Certification

Upon completion of the course with a passing grade, your certificate will be available to view and download on the **Dashboard**, **Profile**, and the course **Progress** tab.

In order to download your certificate, open the certificate page, and use the Print command of your browser (Ctrl+p for Windows users) and print it to PDF as an electronic document.

## What is the course timeline?

This course is self-paced, which means there are no set deadlines, and you can go through it as fast or as slow as you prefer. This course does not currently have a set end date. In the event that an end date is scheduled, you will be notified with enough time to finish your work in the course.

## Practical information

### System Requirements

To access the course, you will need a device with an internet connection. You will also need speakers or headphones since all of the videos are narrated. We recommend the use of either Firefox or Chrome web browser. We do not recommend Internet Explorer.

### How do I get support?

For technical support, you can contact the course moderators for help by email at **[fundamentals-support@dhis2.org](mailto:fundamentals-support@dhis2.org)**. For a quicker response, please don't forget to indicate your username or the email address you used to register on the platform.