

# Fundamentals

The Fundamentals module provides a comprehensive introduction to QlikView and covers the basic scripting needed to load data through to the meaningful analysis and presentation of results.

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## Getting Started

Duration: ½ Day

Level: Beginner

### Prerequisites:

No prior technical knowledge is required for this module.

Attendees should want/need to be able to understand what QlikView should be used for and why it is different from other data analysis and business intelligence products.

After completing this module students will be able to:

- Confidently explain what QlikView is.
- Understand what can be achieved with QlikView.
- Identify where QlikView could benefit your organisation.
- Understand the benefits of the QlickiT Universal Data Architecture (UDA).

The image displays three screenshots of the QlikView application. The top-left screenshot shows the script editor with the following script:

```
1 LOAD
2 [AE Attendance Primary Diagnosis Code] AS PK_DIAGNOSIS,
3 [AE Attendance Patient ID] AS PK_PATIENT,
4 [AE Attendance Arrival Date] AS PK_CALENDAR,
5 [AE Attendance DateTime Initial Assessment] - [AE Attendance DateTime Arrival] AS [Time
6 [AE Attendance DateTime Seen For Treatment] - [AE Attendance DateTime Arrival] AS [Time
7
8
9
10 LOAD PK_AE_ATTENDANCE,
11 [AE Attendance ID],
12 [AE Attendance Patient ID],
13 [AE Attendance Arrival Date],
14 [AE Attendance Arrival Time]
```

The middle screenshot shows a dashboard with a bar chart titled 'Top 10 - Attendance Numbers' and two gauges. The bar chart data is as follows:

Diagnosis Name	Count
None Recorded	19,526
Musculoskeletal injury	3,345
Head Injury	2,890
Sprain/ligament injury	2,418
Septicemia	1,889
Urological conditions (Includ	1,782
Laceration	1,719
Electric shock	1,684
Soft tissue inflammation	1,657
Central Nervous System con	1,487

The bottom-right screenshot shows the data model with tables: CALENDAR, AE\_ATTENDANCE, DIAGNOSIS, and PATIENT. The CALENDAR table has fields: PK\_CALENDAR, Date, Day, Weekday, Month, Year\_Calendar, MonthYear. The AE\_ATTENDANCE table has fields: PK\_DIAGNOSIS, PK\_CALENDAR, PK\_PATIENT, Time to Initial Assessment, Time to Treatment, PK\_AE\_ATTENDANCE, AE Attendance ID, AE Attendance Patient ID, AE Attendance Arrival Date, AE Attendance Arrival Time, AE Attendance DateTime Ar, AE Attendance DateTime In, AE Attendance Flag Triage, AE Attendance Flag Triage.

## Basic Scripting & Presentation

Students will also learn how to build a complete QlikView application from scratch, including:

- Loading and Joining tables.
- Adding List Boxes and various Chart Objects.
- Creating a Master Calendar.
- Calculating new fields in the script .
- Configuring Gauges.
- Creating Cyclic and Drill-Down groups.
- Using expressions in text boxes.
- Creating a Link Table and Common Calendar using the QlickiT UDA.