



# Data Models

This three-hour course is for knowledge managers who want to learn how to create and accelerate data models. Topics will cover datasets, designing data models, using the Pivot editor, and accelerating data models.

## Course Topics

- Introducing Data Model Datasets
- Designing Data Models
- Creating a Pivot
- Accelerating Data Models

## Prerequisite Knowledge

To be successful, students should have a solid understanding of the following:

- How Splunk works
- Creating search queries
- Knowledge objects

## Course Format

Instructor-led or eLearning

## Course Objectives

### Topic 1 – Introducing Data Model Datasets

- Understand data models
- Add event, search, and transaction datasets to data models
- Identify event object hierarchy and constraints
- Add fields based on eval expressions to transaction datasets

### Topic 2 – Designing Data Models

- Create a data model
- Add root and child datasets to a data model
- Add fields to data models
- Test a data model
- Define permissions for a data model
- Upload/download a data model for backup and sharing

### Topic 3 – Creating a Pivot

- Identify benefits of using Pivot
- Create and configure a Pivot
- Visualize a Pivot
- Save a Pivot
- Use Instant Pivot
- Access underlying search for Pivot

### Topic 4 – Accelerating Data Models

- Understand the difference between ad-hoc and persistent data model acceleration
- Accelerate a data model
- Describe the role of tsidx files in data model acceleration
- Review considerations about data model acceleration

## About Splunk Education

Splunk classes are designed for specific roles such as Splunk Administrator, Developer, User, Knowledge Manager, or Architect.

### Certification Tracks

Our certification tracks provide comprehensive education for Splunk customer and partner personnel according to their areas of responsibility.

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