



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

- Introduce Data Model Datasets
- Design Data Models
- Create a Pivot
- Accelerate Data Models

Prerequisite Knowledge

To be successful, students should have completed the following courses:

- Search Under the Hood
- Multivalue Fields
- Creating Knowledge Objects

Course Format

Instructor-led or eLearning

Course Objectives

Topic 1 – Introduce Data Model Datasets

- Explore 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 – Design Data Models

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

Topic 3 – Create 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 – Accelerate Data Models

- Define 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

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