

## SPLK-DMOD: Data Models

Course Code: SPLK-DMOD

Duration: 1 day

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

### OVERVIEW

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.

### SKILLS COVERED

- Please refer to course overview

### WHO SHOULD ATTEND?

Search Experts Knowledge Managers

### PREREQUISITES

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

- How Splunk works
- Creating Search queries
- Knowledge Objects

### MODULES

#### Module 1: Introducing Data Model Datasets

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

#### Module 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

#### Module 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

#### Module 4: Accelerating Data Model

- 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
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- Review considerations about data model acceleration

#### Module 5: Enriching Data

- Understand how fields from lookups, calculated fields, field aliases, and field extractions enrich data

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