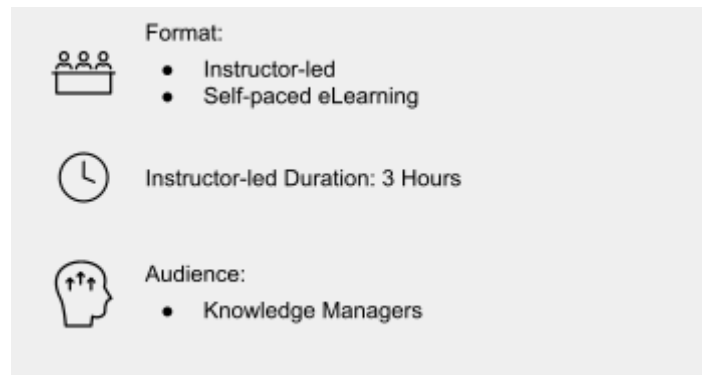# SPLUNK EDUCATION

Data Models

Summary

This course is for knowledge managers who want to learn how to create and accelerate data models.

The course will cover datasets, designing data models, using the Pivot editor, and accelerating data models.

Prerequisites

- To be successful, students must have completed these Splunk Education course(s) or have equivalent working knowledge:
    - How Splunk works
    - Creating search queries
    - Knowledge objects

Format:
- Instructor-led
- Self-paced eLearning

Instructor-led Duration: 3 Hours

Audience:
- Knowledge Managers

Course Outline

Module 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

Module 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

Module 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

Module 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

With Splunk Education, you and your teams can learn to optimize Splunk through self-paced eLearning and instructor-led training, supported by hands-on labs. Explore learning paths and certifications to meet your goals. Splunk courses cover all product areas, supporting specific roles such as Splunk Platform Search Expert, Splunk Enterprise or Cloud Administrator, SOC Analyst or Administrator, DevOps or Site Reliability Engineer, and more. To learn more about our flexible learning options, full course catalog, and Splunk Certification, please visit http://www.splunk.com/education.

To contact us, email education@splunk.com.