Data Models

Course Description:

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.

Course Duration:

1 Day

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

Course Outlines:

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

Target Audience:

- Knowledge Managers