



TRIVID TECHNOLOGY SERVICES

## SPLUNK DEVELOPMENT

### **Module 1 – Basic Understanding of Architecture**

- What are the components
- Discussion on Forwarders- UF/HF
- Common ports for the set up
- License Master/Slave relationship
- Understanding of Deployment Server and Indexer

### **Module 2 – Introduction to Splunk's User Interface**

- Understand the uses of Splunk
- Define Splunk Apps
- Learn basic navigations in Splunk

### **Module 3 – Searching**

- Run basic searches
- Set the time range of a search
- Identify the contents of search results
- Refine searches
- Use the timeline
- Work with events
- Control a search job
- Save search results



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#### **Module 4 – Using Fields in Searches**

- Understand fields
- Use fields in searches
- Use the fields sidebar

#### **Module 5 – Creating Reports and Visualizations**

- Save a search as a report
- Edit reports
- Create reports that include visualizations such as charts and tables
- Add reports to a dashboard

#### **Module 6 – Working with Dashboards**

- Creating a dashboard
- Add a reports to a dashboard
- Add a pivot report to a dashboard
- Edit a dashboard



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## Module 7 – Search Fundamentals

- Review basic search commands and general search practices
- Examine the anatomy of a search
- Use the following commands to perform searches:
  - Fields
  - Table
  - Rename
  - Rex
  - Multikv

## Module 8 – Reporting Commands, Part 1

- Use the following commands and their functions:
  - Top
  - Rare
  - Stats
  - Addcoltotals



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## Module 9 – Reporting Commands, Part 2

- Explore the available visualizations
- Create a basic chart
- Split values into multiple series
- Omit null and other values from charts
- Create a timechart
- Chart multiple values on the same timeline
- Format charts
- Explain when to use each type of reporting command

## Module 10 – Analyzing, Calculating and formatting Results

- Using the eval command:
  - Perform calculations
  - Convert values
  - Round values
  - Format values
  - Use conditional statements
- Further filter calculated results

## Module 11 – Creating Field Aliases and Calculated Fields

- Define naming conventions
- Create and use field aliases
- Create and use calculated fields





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## **Module 12 – Creating Field Extractions**

- Perform field extractions using Field Extractor

## **Module 13 – Creating Tags and Event Types**

- Create and use tags
- Describe event types and their uses
- Create an event type

## **Module 14 – Creating Workflow Actions**

- Describe the function of a workflow action
- Create a GET workflow action
- Create a POST workflow action
- Create a Search workflow action

## **Module 15 – Creating and Managing Alerts**

- Describe alerts
- Create alerts
- View fired alerts



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## Module 16 – Creating and Using Macros

- Describe macros
- Manage macros
- Create and use a basic macro
- Define arguments and variables for a macro
- Add and use arguments with a macro



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