Course Outline Template

Please furnish the details in the below format and submit the form to the TD SPOC for review **The expectation is that the course should include 30% theory and 70% hands-on exercises**	
Course Name	Splunk Developer
Course Duration	20 Hours
Course Timings	09:30AM - 01:30PM
Course Start Date	16-Dec-19
Course End Date	20-Dec-19
Mode of Training	Online Webinar
Webinar Link	
Hardware Requirement required for the participant	
Software Requirement required for the participant	
Faculty Name	Ayan M
Faculty Profile	Attached
Course Pre-requisites	
Course Objectives	
Agenda - Day 1	**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

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	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
	
	Module 4 – Using Fields in Searches
	    ➢ Understand fields
	    ➢ Use fields in searches
	    ➢ Use the fields sidebar

Agenda - Day 2	**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
	
	Module 7 – Creating and Managing Alerts
	
	    ➢ Describe alerts
	
	    ➢ Create alerts
	
	    ➢ View fired alerts

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Agenda - Day 3	**Module 8 – 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 9 – Reporting Commands, Part 1** Use the following commands and their functions: Top Rare Stats Addcoltals **Module 10 – Reporting Commands, Part 2** ➢ Explore the available visualizations ➢ Create a basic chart ➢ Split values into multiple series ➢ Omit null and other values from chartss ➢ Create a timechart ➢ Chart multiple values on the same timeline ➢ Format charts ➢ Explain when to use each type of reporting command

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Agenda - Day 4	**Module 11 – 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 12 – Creating Field Aliases and Calculated Fields** Define naming conventions Create and use field aliases Create and use calculated fields Module 13 – Creating Tags and Event Types ➢ Create and use tags ➢ Describe event types and their uses ➢ Create an event type **Module 13 – Creating Field Extractions** ➢ Perform field extractions using Field Extractor
Agenda - Day 5	**Module 14 – Lookups** ➢ Lookups ➢ Lookup Definition ➢ Automatic Lookup **Module 15 – 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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