VistaInsight Solution Developer

Training Course Syllabus

Duration: 5 Days

Pre-requisites: VistaInsight Platform, VIN pre-installed (latest versions)
Scope: Development of a customized solution for Real Time reporting with VistaInsight Platform, working with the VistaAPI using Python®

	Module / Unit Title	Lab #
Day 1	**1.** Overview - Where are we going?	**Lab 1**
	2. Installation - Preparing the environment	**Lab 2**
	3. IV Server Development Fundamentals	
	a) The IV Server Environment	**Lab 3**
	b) From Indicator to Report Template	
	c) Data aggregation on the IV Server	**Lab 4**
	d) Performance reporting	
	e) Removing bad values	**Lab 5**
	f) Handling exceptions	**Lab 6**
Day 2	**4.** IV Server Key Issues - Developing KPIs	
	a) Key performance Indicators	**Lab 7&8**
	b) Creating a Vista	**Lab 9**
	c) Tables and Data Types	**Lab 10**
	5. IV Server Advance Development	
	a) Rules and Inheritance	**Lab 11**
	b) Multi-Formula Indicators	**Lab 12**
	c) Formatting and finalizing	**Lab 13**
	d) Exporting the library	**Lab 14**

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Day 3	**6.** Starting up the production platform - Reminder	
	a) Initial configurations and provisioning steps	**Lab 15&16**
	b) Creating provisioning rules	**Lab 17**
	7. VistaPortal Report Development	
	a) Pages and Displets	**Lab 18**
	b) Creating a Portal Report Template	
	c) Configuring a Portal Report Template	
	d) Deploying a Portal Report Template	**Lab 19**
	8. VistaPortal Navigation Aids	
	a) The Time Navigator	
	b) The Object Navigator	**Lab 20**
	c) Configuring the displayed units	**Lab 21**
	d) Importing customer information	**Lab 22**
	e) Views in the Object Navigator	**Lab 23**
	f) VistaMart Modules	**Lab 24**
Day 4	**9.** Good Page Design	
	a) Page Design - Best practice	**Lab 25**
	b) The Object Navigator as an Inventory tool	**Lab 26**
	c) Synchronizing Displets	**Lab 27**
	d) Improving readability with thresholds and drill downs	**Lab 28**
	e) Graph on Demand	**Lab 29**
	10. Reporting on Hotspots - How to guide the user to trouble spots	
	a) Exception Reporting	**Lab 30**
	b) Temporal aggregation by VistaMart	**Lab 31**
	c) Spatial aggregation by Portal	**Lab 32**
	d) Developing VistaMart Indicators	**Lab 33**

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Day 5	**11.** The Final Touch - Configuring the Portal user's environment and exporting the solution	
	a) Creating users and groups	**Lab 34**
	b) Personalizing with Variables	
	c) Configuring skins	**Lab 35**
	d) Page inheritance	
	e) Exporting a solution	**Lab 36**
	12. Working with the Vista API	
	a) Python quick start	
	b) Introducing the Rest API in the VistaInsight context	
	c) Setting up the VistaAPI	**Lab 37**
	d) Use Cases	**Lab 38**