

Data Modelling with Qlik Sense

1	Name of Course/Module/Subject	Data Modelling with Qlik Sense
2	Course /Subject Code	DMW679
3	Training specialization	
4	Version	
5	Prerequisite/Requirement for Registration	
6	Qualification	GRADUATE
7	Audiences	<ul style="list-style-type: none"> • ENGINEERS • MID_LEVEL_MANAGERS • SENIOR_MANAGERS
8	Methodology	<ul style="list-style-type: none"> • LECTURE • SLIDES • CASE_STUDIES • LABS
9	Person-in-Charge	
10	Trainer List	Tarun Sukhani,
11	Course Description	Data Modeling for Qlik Sense is a technical course that will teach you how to import and convert data within Qlik Sense, as well as how to design an efficient data model structure.
12	Course Summary	This course will teach you how to import and manipulate numerous data sources in Qlik Sense to create a cohesive data model. This course covers topics such as data linkages, cleaning and manipulating source data, and addressing data model difficulties using information, tools, strategies, and exercises.

13	Course Tagline		
14	Learning Objectives	<ul style="list-style-type: none"> • Resolve data structure issues • Transform data for better performance • Discuss synthetic keys and circular references • Introduction to Data Security 	
15	Course Detail		7 Modules
1 day			
	Module 1 - Resolving Common Modeling Issues <ul style="list-style-type: none"> • Synthetic keys • What are synthetic keys and synthetic tables • Why do synthetic keys need to be avoided? • Resolve a synthetic key issue 		45 mins
	Short Break		15 mins
	Module 2 - Basic data transformation <ul style="list-style-type: none"> • Load statement syntax • Renaming a field • Counting table records • Key fields • Record counting: Count vs Sum 		45 mins
	Short Break		15 mins
	Module 3 - Circular references <ul style="list-style-type: none"> • Circular references • Loosely coupled tables 		45 mins
	Module 4 - Recap and Q&A		15 mins
	Lunch		1 hour
	Module 5 - Generating Data <ul style="list-style-type: none"> • Adding Calculated Fields to a Table • Limiting and generating data • The Where clause • Resident load 		45 mins
	Short Break		15 mins

	Module 6 - Scripting considerations <ul style="list-style-type: none"> • More about synthetic keys • Composite keys 	45 mins
	Short Break	15 mins
	Module 7 - Master calendar <ul style="list-style-type: none"> • Master calendar • Date and time in Qlik Sense • Flags 	45 mins
	Short Break	15 mins
	Module 8 - Data Confidentiality <ul style="list-style-type: none"> • Data Security 	45 mins
	Module 9 - Recap and Q&A	15 mins
	Module 10 - End of Day 1	
End of the course QA		
Time Summary		
	Total Hours of Course	5.25 hours
	Total Hour	7 (modules) x 30 min = 150 min
	Total Consulting Days	-
	Total Days	1 day