Skills Development Program

Data analysis is a method in which data is collected and organized so that one can derive helpful information from it. In other words, the main purpose of data analysis is to look at what the data is trying to tell us.

Hours	Courses	Hours	Courses
	T-SQL Total Duration(13Hour)	SSIS5 (2 hr)	Deployment configurations, Xml configuration file deployment, run the package with DTExecUI, Managing the packages security, Scheduling package, TOP 10 SSIS success secrets
SQL1 (1hr)	SQL1 RDBMS Concepts, DBMS, SQL server history, SQL Server Installation, Importance and Market value		
	Design database	SSIS6 (1hr)	**Performance Tuning** OPTMIZE THE PACKAGE
SQL2 (1.5hr)	Data base creation, DDL statements, constraints, data types, Database relationships		
SQL3 (1hr)	ERD modeling, Design a data model, bank data model explanation		
	SQL queries		**SSRS (Development) Total Duration 10 Hour**
SQL4 (1hr)	Data loading(insert, update, delete, select insert into), built-in functions	SSRS1 (1.5hr)	Reports Welcome to SSRS report types, Report Structure, Report Creation, text box properties, expressions, Tablix properties,
SQL5 (2hr)	Data Retrieval(3_select,Joins, group by, where, having, order by, CTE, Pivot /Unpivot)		Grouping, Totals & Percentages, Drilldown/Drill through reports, Building reports on Analysis services cubes
(2hr)	Data Retrieval (4_set operators, sub queries, Derived tables)		TOP 10 report formatting tips
	Programming	(2hr)	code, custom functions, SSRS different ways to different ways to create custom colors for charts, Dynamic columns
SQL6 (1.5hr)	Programming	SSRS3 (2hr)	Working with Passing Parameters Queried Parameters, Non-Queried Parameters, Multi Valued Parameters, Cascaded Parameters
SQL7 (2hr)	Stored Procedure Programming ,error handling, functions ,views	SSRS4 (1.5hr)	Working with matrix, sub report, list report, gauges, maps, Indicators, localization
	Performance Tuning		
SQL8 (1hr)	Performance tuning, Indexes		
	MSBI		
	SSIS		
SSIS1 (2hr)	CONTROL FLOW TASKS: precedence constraints, variables Overview, variables scope, system variables, Mapping parameters & Result sets to variables, System & User variables in property expressions, expressions, Control flow tasks(script task, bulk insert, execute SQL, send mail, file system, execute package, xml task	SSRS5 (2hr)	**Administration** Reporting services configuration manager, Deploy Report, Report Server/Report Manager, Subscriptions, Report Security, Linked Reports, Performance Tuning
SSIS2 (2hr)	DATAFLOW TASKS Data flow sources Data flow transformations, Data flow destinations, Setting up data flow viewers, Derived column transformation, Data conversion transformation, Conditional split transformation Oledb transformation, Aggregate transformation, Sort transformation, Merge, Merge join	SSRS6 (1hr)	Performance Tuning
SSIS3 (2 hr)	SCD, DIMENSION TABLE ETL/FACT TABLE ETL		
SSIS4 (2 hr)	ERROR HANDLING(PACAGE RELIABILITY) Dimension ETL Logging, Error handling, Control flow − OnError Event handler, Data flow − Error data flow, Check Point		

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SSAS1 (2hr)	**SSAS (Total Duration : 9.5 Hour)** Need of analytical applications, SSAS components and operations, SSAS sample project, cube creation, deployment, browsing, working with cube structure, Measure group, Measure MDX, expressions, queries, examples	**PROJECT**	
SSAS2 (1.5hr) **SSAS3 (2hr)**	Actions, Perspectives, Translations, Calculations, KPI	**1 Project**	OLTP, Staging, DWH db's creation
SSAS4 (1.5hr)	Partitions(query, table), Fact Dimension Processing, Processing Types,(implementation scenario dimension, named query, named calculation)	**2 Project**	OLTP to Staging SSIS packages creation
SSAS5 (1.5hr) **SSAS6 (1hr)**	ADMINISTRATION: Applying Security, various ways of deployment,(aggregations design) SSAS performance Tuning	**3 Project**	Staging to DWH SSIS packages creation, SCD

	Power BI
Getting Data (2hr)	Getting Data Getting started with Power BI Desktop, Connect to data sources in Power BI desktop Clean and Transform you data with the query Editor, More Advanced Data sources and transformation Cleansing Irregularly Formatted Data Additional features paid non paid features/comparison with other visualization tools
DAX (2hr)	DAX Calculation types, DAX Functions, Using variables in DAX Expressions, Table Relationships and DAX, DAX Tables and Filtering, DAX Tables and Filtering Visualizations
Visual-izations (2hr)	Create and customize simple visualizations How to use Combination Charts, Create and format slicers, How to use map visualizations How to use tables and Matrixes, How to used scatter charts, How to use water fall and funnel charts How to use gauges and single number cards

Live Project Practice and training	Interview Skills	Resume Building by Experts
In-house Product and Practice International Project Practice Live Project Support	Behavioral Interviews How to attend Interviews Interview Question and Answer Samples Interview Tips Dos and Don'ts in interview Mock Interview Meeting Skills	Sample Resume How to Prepare Resume Resume Layout Tips Cover Letter Preparation