365 IT The Skills Academy

SQL Server 2012/14 Data Warehousing

Detailing the methods required to implement a data warehouse, this five-day Skills Academy workshop is perfect for those wishing to successfully achieve this task in either SQL Server 2012 or 2014 (as required). Starting with the key components and considerations of Data Warehousing, the workshop progresses to cover implementation, deployment as well as multiple topics including working with SQL Server Integration Services (SSIS) and understanding Master Data Services (MDS).

The Skills Academy workshops offer a better way of learning by building the skills and confidence required to work in a real world IT environment. With a more time efficient and 'hands on' approach to training, resulting in hundreds of satisfied students, businesses have benefited from improved IT productivity and a rapid return on investment. Places are limited to only six per workshop guaranteeing each student an in-depth level of support to maximise their development.

Focused on the methods required to implement a data warehouse via SQL Server 2012/14.

- Introduction to Data Warehousing with the key components of a data warehousing solution, considerations you must take into account when you start on a data warehousing project
- Planning Data Warehouse Infrastructure with considerations for selecting hardware and distributing SQL Server facilities across servers
- Designing and Implementing a Data Warehouse methods, key considerations for the logical design of a data warehouse, best practices for physical implementation
- Creating an ETL Solution with Integration Services, focus on SQL Server Integration Services (SSIS) as a platform for building ETL solutions
- Implementing Control Flow in an SSIS Package that combines multiple tasks and workflow logic
- Debugging and Troubleshooting SSIS Packages describes how to debug packages to find the cause of errors that occur during execution, logging functionality built into SSIS, handling errors in control flow and data flow
- Implementing a Data Extraction Solution describes the techniques used to implement an incremental data warehouse refresh process
- Loading Data into a Data Warehouse, techniques used to implement data warehouse load process
- Enforcing Data Quality introduces SQL Server Data Quality Services (DQS), cleanse and deduplicate data
- Master Data Services (MDS) standardizes data and improves the quality, consistency, and reliability of the data
- Deploying and Configuring SSIS Packages and their dependencies to a server, manage and monitor the execution of deployed packages

Contact us today to discuss how The Skills Academy can offer you a better way of learning.

About 365IT

365IT is a trusted, established provider of fully integrated IT solutions, services, and training. With a reputation for innovative solutions, industry leading support, and the willingness to go the extra mile 365IT has been trusted to design, implement, manage, and support the IT infrastructures of leading businesses for more than 35 years.

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