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What is Introduction to SQL Training?

This Introduction to SQL training course is for candidates looking to develop an initial knowledge grounding of ANSI (American National Standards Institute) and SQL - in order to dynamically scale emerging computing networks in the future. SQL - the command-based language utilised in relational database management - is utilised by tech/app-based organisations and is therefore beneficial for both individuals looking to demonstrate their commitment to continual personal development and also for businesses looking to train web-developers with a currently basic knowledge of SQL.

Candidates will learn how to describe and decipher command languages utilised in SQL Server 2016, in relation to SQL Data Modelling techniques, which will prepare them for future study including Silicon Beach's "Advanced SQL" Training Course. SQL enables the rapid analysis and manipulation of aggregate functions and substantial data sets, hence, this Introduction to SQL course would be beneficial for individuals that are new to SQL, database management, and/or web development.

Course Objectives

This SQL Introduction training course teaches candidates about the primary principles of SQL to develop a founding knowledge on which to build upon with future SQL Training Courses including:

- Understanding SQL Data Outputs
- Understanding utilised SQL language
- Learn how to develop SQL Queries

- Relational Databases
- SQL Language
- Inserting and Updating Data
- Data Modelling
- Schema Mapping
- Data Normalisation
- Entry Relationship Modelling
- Database Indexes
- Primary and Foreign Keys
- Measuring Performance

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- Query Performance
- Joining Tables - Inner and Outer Joins
- Rows, Columns, and Tables
- Stored Procedures

The objective of this SQL introductory course is to teach candidates about the fundamentals of ANSI standard SQL - the command-based language utilised in relational database management.