

Spatial Database

SQL Server Spatial

Basic



This hands-on training course is designed to equip Spatial, IT or Database Administration professionals with basic skills for managing and processing spatial data in a SQL Server database.



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GIS PEOPLE



1 Day
Duration



Basic
Skill Level



12
Students

Topics Covered

- ⊕ Geometry and geography types
- ⊕ Spatial Reference Identifiers (SRID) for your data
- ⊕ Point, line and polygon objects storage
- ⊕ Create, validate and visualise geometry objects using well-known text (WKT)
- ⊕ Spatial constructors and methods for each geometry type
- ⊕ Inspect a geometry object's structure using the relevant methods
- ⊕ Load data from spreadsheets and external GIS formats
- ⊕ Create spatial indexes for geometries
- ⊕ Conduct spatial querying using spatial indexes
- ⊕ GIS software configuration to access SQL Server Spatial data

Prerequisites

- ⊕ Familiarity with SQL SELECT statements
- ⊕ Knowledge of relational database models and structures
- ⊕ Familiarity with spatial data and concepts
- ⊕ Familiarity with SQL Server Management Studio

Further Study

- ⊕ Successful completion of this course provides direct entry to the *Spatial Database: SQL Server Spatial (Intermediate)* course

NOTE: Please note that whilst every care is taken to ensure the content of this brochure is correct, this information is to be used as a guide only. Course information is subject to change without notice and all information is current at the time of printing. SQL Server is a registered trademark of Microsoft Corporation.



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