

# Spatial Database

## SQL Server Spatial

### Intermediate



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



[www.giscollege.com.au](http://www.giscollege.com.au)



[www.gispeople.com.au](http://www.gispeople.com.au)





**1 Day**  
Duration



**Intermediate**  
Skill Level



**10**  
Students

## Topics Covered

- ⊕ Use TSQL to create geometries and computing variables using triggers
- ⊕ Create new functions to process geometry objects
- ⊕ Import and export geometry data using external files and XML data
- ⊕ Validate and correct geometry objects
- ⊕ Use SQL analytics to process geometry data
- ⊕ Tune Spatial SQL select statements
- ⊕ Link spatial and attribute data from different databases
- ⊕ Understand and apply spatial sorting/ordering to storage and processing issues

## Prerequisites

- ⊕ Attendance at the *SQL Server Spatial (Basic)* course
- ⊕ Familiarity with CSV, XML and other external file formats
- ⊕ Familiarity with geometry point, line and polygon data
- ⊕ Understanding of SQL Server Management Studio

## Further Study

- ⊕ Successful completion of this course provides participants with knowledge to master SQL Server Spatial
- ⊕ If additional customised training is required, please do not hesitate to contact us

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.



[www.giscollege.com.au](http://www.giscollege.com.au)



[www.gispeople.com.au](http://www.gispeople.com.au)

