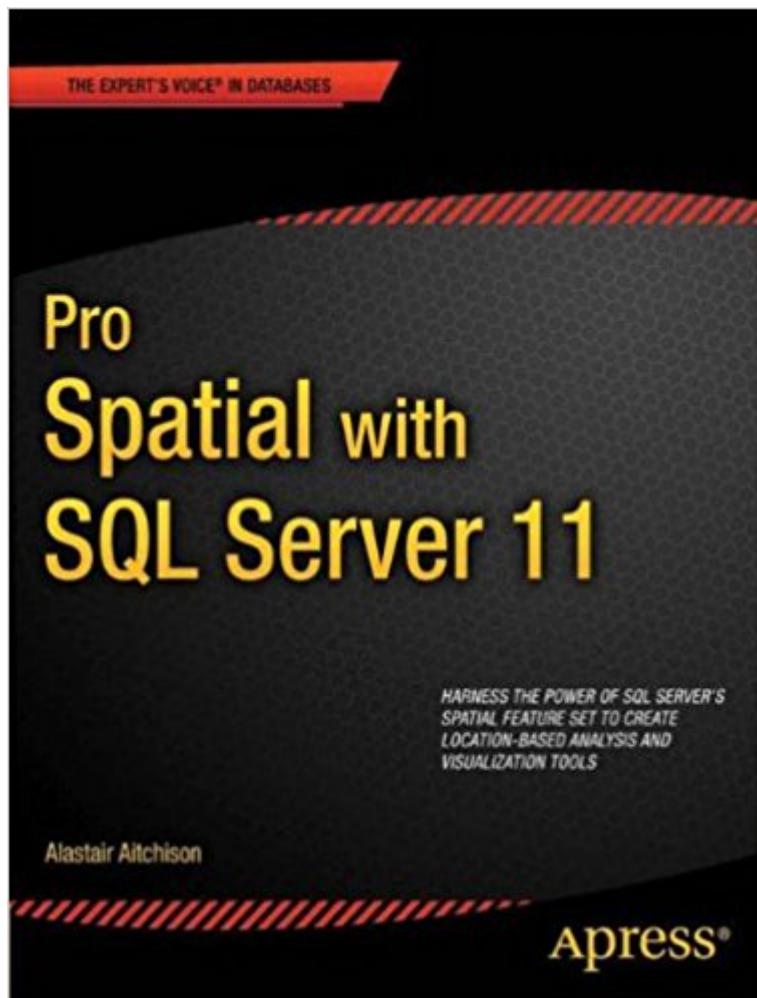


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# Pro Spatial With SQL Server 2012 (Expert's Voice In Databases)



## Synopsis

Microsoft SQL Server implements extensive support for location-based data. Pro Spatial with SQL Server 2012 introduces SQL Server's spatial feature set, and covers everything you'll need to know to store, manipulate, and analyze information about the physical location of objects in space. You'll learn about the geography and geometry datatypes, and how to apply them in practical situations involving the spatial relationships of people, places, and things on Earth. Author Alastair Aitchison first introduces you to SQL Server's spatial feature set and the fundamental concepts involved in working with spatial data, including spatial references and co-ordinate systems. You'll learn to query, analyze, and interpret spatial data using tools such as Bing Maps and SQL Server Reporting Services. Throughout, you'll find helpful code examples that you can adopt and extend as a basis for your own projects. Explains spatial concepts from the ground up "no prior knowledge is necessary Provides comprehensive guidance for every stage of working with spatial data, from importing through cleansing and storing, to querying, and finally for retrieval and display of spatial data in an application layer Brilliantly illustrated with code examples that run in SQL Server 2012, that you can adapt and use as the basis for your own projects.

## Book Information

Series: Expert's Voice in Databases

Paperback: 560 pages

Publisher: Apress; 1st ed. edition (May 15, 2012)

Language: English

ISBN-10: 1430234911

ISBN-13: 978-1430234913

Product Dimensions: 7.5 x 1.3 x 9.2 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars (See all reviews) (7 customer reviews)

Best Sellers Rank: #763,408 in Books (See Top 100 in Books) #117 in Books > Computers & Technology > Programming > Microsoft Programming > SQL Server #388 in Books > Computers & Technology > Databases & Big Data > SQL #542 in Books > Computers & Technology > Programming > Microsoft Programming > C & C++ Windows Programming

## Customer Reviews

This book begins with a nice background on issues surrounding spatial - projections, ellipsoid, spheroid and geoid concepts that are necessary to move on and use the technology correctly. It's

about the perfect level of depth of explanation without delaying getting to SQL Server 2012 implementation. The book then moves into data types. By chapter 4 you're into practical application along with continued explanation. Expect a dense, lengthy read. The graphics are used appropriately - sparingly and to augment the topics being explained. The examples and exercises are helpful and rich. The breadth of application that this book covers is really impressive. It's a great read for developers and BI folks. Route finding, clustering analysis, shapefiles, spatial indexing, custom assemblies, Bing Maps API, SSRS. The writing style brings this all to you clearly and concisely, which makes it a pleasure to get through so much content and ensures that you have a better chance of retaining it all. Very impressive book and highly recommended to anyone from novice to experienced spatial analyst/developer.

I read Alastair's first book on this topic Beginning Spatial with SQL Server 2008 several times and was really looking forward to reading this new book. It didn't disappoint. Lots of great information contained in here which you will be hard pressed to find anywhere else. A great investment for anyone interested in working with Geography or Geometry types in SQL.

Good introduction to SQL Server spatial data, but hardly "pro". Code examples consisted of hooking Microsoft web APIs. Very little instruction in integrating geo data into sprocs and just a little in the nuances geo adds to your query tuning. I am delving into geographically aware large datasets and this book, much like geo in SQL Server, is good for building a foundation, but doesn't put the rubber on the road for real-world applications.

This book is great. The author describes topics in clear and understandable fashion. This book is very good for GIS/Computer Science practitioners (who are interested in spatial databases). Management of spatial data in RDBMS is an advanced topic in DBMS and this book greatly explains many important topics on spatial databases (in MS SQL Server 2012 which itself is one of the best commercial DBMSs).

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