



Qlik GeoAnalytics

MS SQL Server connection

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Summary

1. Create database
2. Load data
3. Setup QGA
4. Get data

Most of the work is to setup the database, allow connections, open ports, upload data, create users etc.

Load data

- Load data
 - Install FME, run Workbench, configure reader and writer
 - Install MS SQL Driver
 - Test connection, upload data
- Test the data, run sql in MS SQL Server management studio
 - `select top(2) zip4, GEOM.STAsText() as wkt from dk_zip4 order by zip4;`

SQLQuery1.sql - RD-BPS-VM.GIS (QTSEL\BPS (52)) - Microsoft SQL Server Management Studio

```
select top(2) zip4, GEOM.STAsText() as wkt from dk_zip4 order by zip4;
```

zip4	wkt
1000	POLYGON ((12.58972912951792 55.667905221434552, ...
1000	POLYGON ((12.613831814120543 55.701490266272231, ...

*ESRISHAPE - MSSQL_SPATIAL (C:\Users\bps\Documents\FME\Workspaces\esrishapec2none.fmw) - FME Workbench 2018.0

Workflow: dk_zip4 (Reader) -> 805 (Transformer) -> dk_zip4 (Writer)

Parameter Editor: Edit 'vm'

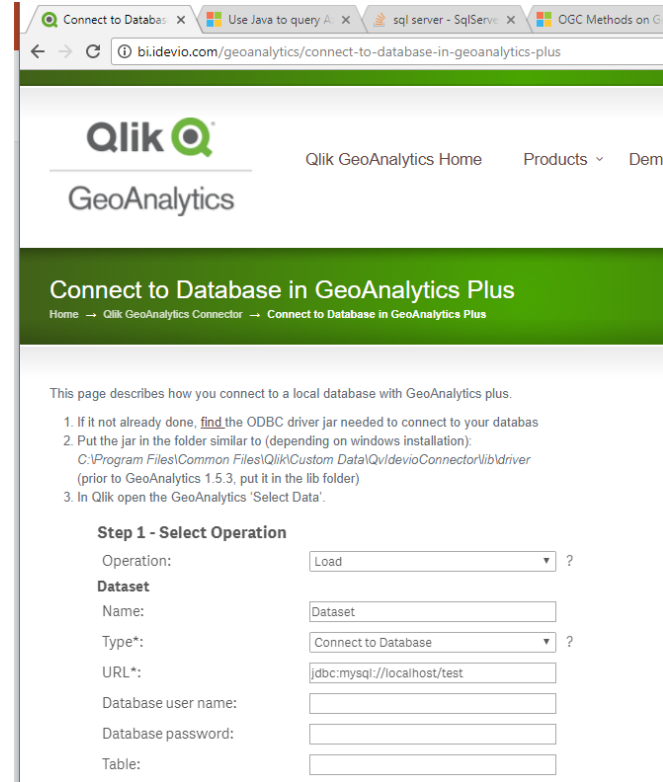
vm Parameters

- Name: vm
- Server: rd-bps-vm.rdlund.qiktech.com
- Database: GIS
- Authentication: SQL Server Authentication
- Username: admn
- Password: [REDACTED]
- Encrypt Connection:
- Multi-Subnet Follower:

Buttons: Help, Test..., Save, Cancel

Setup QGA

- Install QGA Plus
 - Install Java (v8)
 - Locate MS JDBC driver mssql-jdbc-6.2.2.jre8.jar
 - <https://docs.microsoft.com/en-us/sql/connect/jdbc/microsoft-jdbc-driver-for-sql-server>
 - Install in C:\Program Files\Common Files\Qlik\Custom Data\QvIdevioConnector\lib\driver



The screenshot shows a web browser window displaying the Qlik GeoAnalytics Plus configuration page for connecting to a database. The page title is "Connect to Database in GeoAnalytics Plus" and the URL is "bi.idevio.com/geoanalytics/connect-to-database-in-geoanalytics-plus". The page content includes the Qlik logo, navigation links for "Qlik GeoAnalytics Home", "Products", and "Demo", and a breadcrumb trail: "Home -> Qlik GeoAnalytics Connector -> Connect to Database in GeoAnalytics Plus".

The main content area contains the following instructions:

This page describes how you connect to a local database with GeoAnalytics plus.

1. If it not already done, find the ODBC driver jar needed to connect to your databas
2. Put the jar in the folder similar to (depending on windows installation):
C:\Program Files\Common Files\Qlik\Custom Data\QvIdevioConnector\lib\driver
(prior to GeoAnalytics 1.5.3, put it in the lib folder)
3. In Qlik open the 'GeoAnalytics' 'Select Data'.

Step 1 - Select Operation

Operation: ?

Dataset

Name:

Type*: ?

URL*:

Database user name:

Database password:

Table:

