

BizViz How-to-Guide

How to ConfigureGeospatial Settings

Version : 1.00
Description : Release Version
Date : 26 May 15
Modified By : Varun JM

Business Visualization
Analytics Platform





Table of Contents

- 1. Document Purpose 2
- 2. Prerequisites 2
- 3. Step-by-Step Process 2
 - 3.1. Creating Map Settings..... 4
 - 3.2. Uploading Geo Shape File 5
 - 3.3. Lists Geo shape File: 6





1. Document Purpose

The purpose of this document is to guide users on how to configure Geospatial settings in order to plot metrics on maps. It is recommended to follow the step-by-step process given below to successfully implement the configuration.

2. Prerequisites

- Software
 - Browser that supports HTML5
 - Operating System: Windows7
- Basic understanding of the BizViz Server

3. Step-by-Step Process

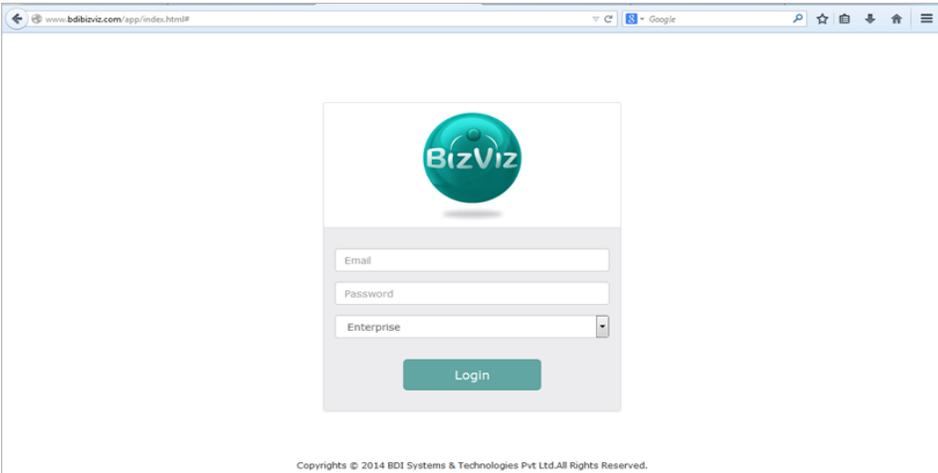
Login to the Portal to access Data Management

- i) Enter in the URL bar → <http://www.bdbizviz.com/app/>

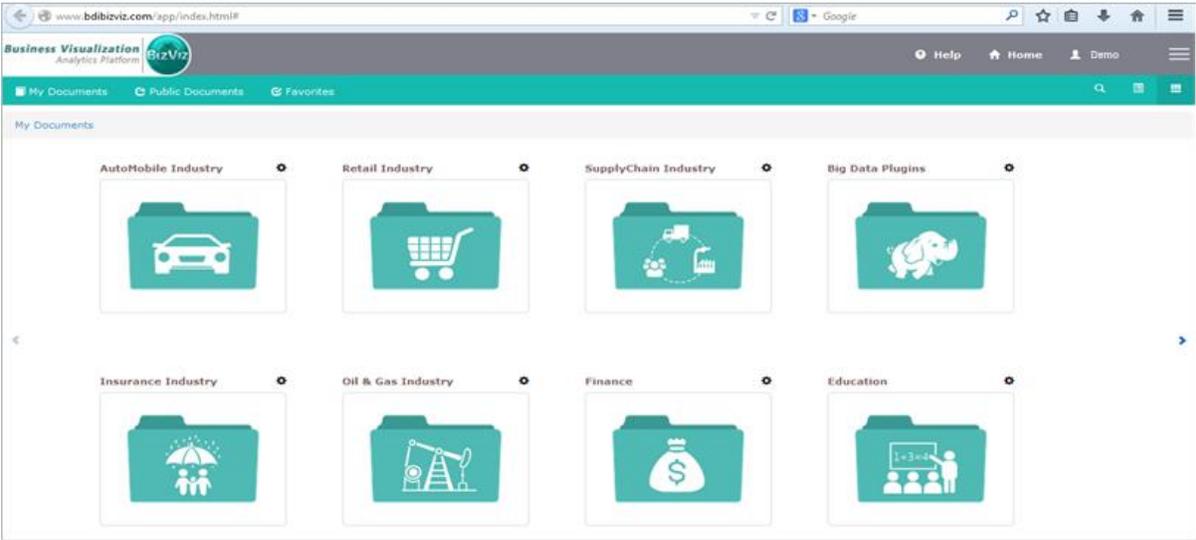




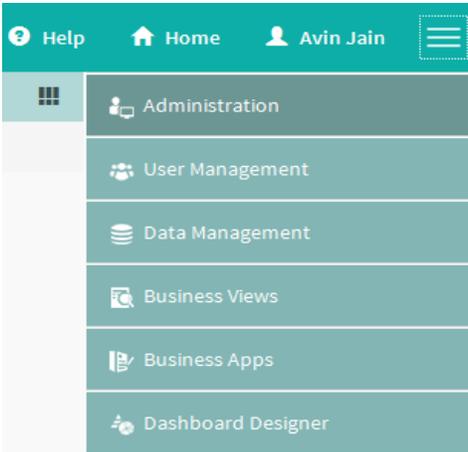
ii) Enter your credentials to Login



iii) Click on 'Login' to view the Portal Home Screen

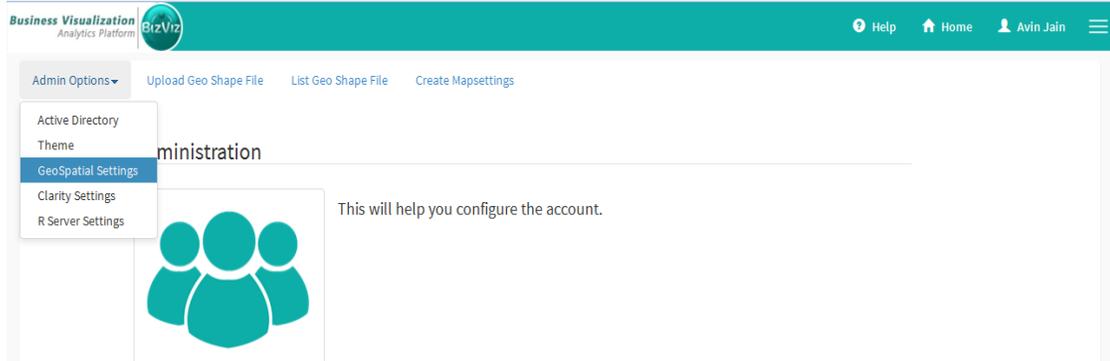


Click on the 'Menu'  button to display a list of the installed applications



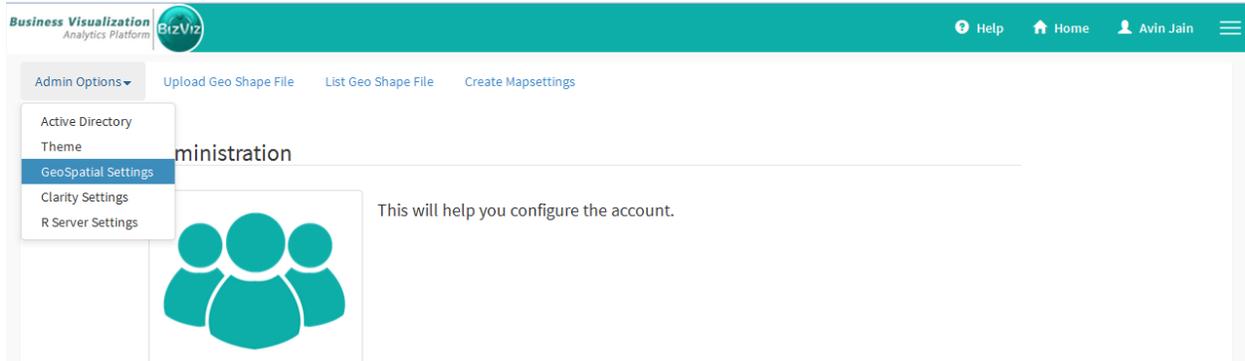


- iv) Click on **'Administration'** plug-in available in the above figure (see above)
- v) Clicking on **'Administration'** it will redirect user to the below given page

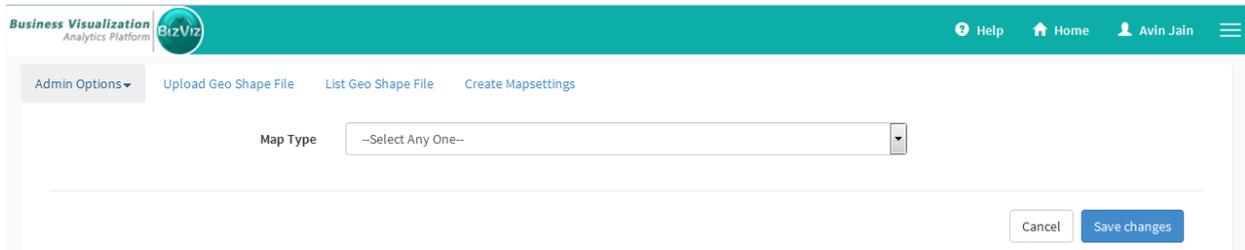


3.1. Creating Map Settings

- 1. Click on **'Admin Options' > 'Geospatial Settings'**



Click on the **'Create Map Settings'** button.



In Map Type by default only two options will be available

- 1. **Google Map**– Maps provided by Google(need to purchase map key from Google)
- 2. **Leaflet Map**– Open-source maps

On selecting **'Google Map'** the following options needs to be filled (as shown below))





- **Map Key:** License key provided by Google

The screenshot shows the 'Admin Options' page in BizViz. Under the 'Create Mapsettings' section, the 'Map Type' dropdown is set to 'google'. Below it, the 'Map Key' text field contains the license key: 'AlzaSyADrD2CvOhA9Yet5yskK0tmwpV2000IXBU'. At the bottom right, there are 'Cancel' and 'Save changes' buttons.

On selecting 'Leaflet Map' the following options needs to be filled (as shown below)

- **Map Url:** Url of the selected map(given by the Open-source vendors)
- **Attribution:** Configuration parameters for the map(given by the Open-source vendors)

The screenshot shows the 'Admin Options' page in BizViz. Under the 'Create Mapsettings' section, the 'Map Type' dropdown is set to 'Leaflet Map'. The 'Map Url' text field contains 'http://[s].tile.osm.org/[z]/[x]/[y].png'. The 'Attribution' text area contains '© OpenStreetMap contributors'. At the bottom right, there are 'Cancel' and 'Save changes' buttons.

3.2. Uploading Geo Shape File

Click on the 'Upload Geo Shape File' to upload the map file:

The screenshot shows the 'Admin Options' page in BizViz. The 'Upload Geo Shape File' tab is selected. It contains three fields: 'Name' (text input), 'Geometry Type' (dropdown menu with '--Select geometry type--'), and 'Shape File' (with a 'Browse' button). At the bottom right, there are 'Cancel' and 'Save changes' buttons.

Enter the following fields:

- **Name:** Title for the map
- **Geometry Type:**
- **Shape File:** navigate to file location and select the file(Only files with 'GeoJSON' format are supported)





3.3. Lists Geo shape File:

List previously created files based on 'Geometry Type'

Business Visualization Analytics Platform BizViz

Help Home Avin Jain

Admin Options Upload Geo Shape File List Geo Shape File Create Mapsettings

Geometry Type Polygon

Show 10 entries Search:

name	
India	
India Level 0	
India Level 1	
India Level 2	
USA Country Level	
USA State Level	
World Map	

Showing 1 to 7 of 7 entries Previous 1 Next

