

Assign a Map Layer to a Data Column in Oracle Analytics

Before You Begin

This lab shows you how to add a map layer to the Console, and then assign a map layer to a data column in a dataset.

Background





You can add a custom map layer using a geographic data file with the .json extension that conforms to GeoJSON format. You use the custom map layer to view geometric map data in a workbook map visualization. When adding the map layer, you select layer keys that correspond with your data. The layer keys are property attributes for map features in the original JSON file.

You can assign a map layer to a column containing text or numeric attributes. When you select a data column with a map layer assignment for a visualization, Oracle Analytics automatically creates a map visualization.

What Do You Need?


- Access to one of the following:
 - Oracle Analytics Cloud
 - Oracle Analytics Desktop
- Download the following to your computer:
 - airport_data.xlsx
 - world_airports.json

Add a Map Layer






1. Sign in to Oracle Analytics.
2. On the Home page, click **Navigator** , and then click **Console**. In the Console, click **Maps**.
3. On the Map Layers page, click **Add Custom Layer** . In File Upload, select the world_airports.json file, and then click **Open**.
4. In Map Layer, under the Layer Keys section, select **name**, and then click **Add**.
5. In the Maps page, click **Go back** . In the Console page, click **Navigator** , and then click **Home**.


Assign a Map Layer to a Data Column

1. On the Home page, click **Create**, and then select **Dataset**.
2. In Create Dataset, click **Drop data file here or click to browse**.

3. In File Upload, select `airport_data.xlsx`, and then click **Open**.
4. In Create Dataset Table from `airport_data.xlsx`, click **OK**.
5. Click the **airport_data** tab.
6. In the `airport_data` page, click the **Airport Name** column, select **Options** , and then select **Location Details**.

Location Details: Airport Name

Map Layer	world airports ▼	23 Locations (4 Issues)
Your Data	Match 	Match Quality
Frankfurt Airport	 Frankfurt-Hahn Airport	2 Matches
Paris-Charles de Gaulle Airport	 Charles de Gaulle International A...	49% Confidence
Dallas/Fort Worth International Airport	 Fort Worth International Airport	82% Confidence
Minneapolis/St Paul International Airport	 Minneapolis St Paul Internationa...	98% Confidence
Schiphol Airport	Schiphol Airport	100% Confidence
Beijing Capital Airport	Beijing Capital Airport	100% Confidence
Ciudad Juarez International Airport	Ciudad Juarez International Airp...	100% Confidence
Douglas International Airport	Douglas International Airport	100% Confidence
Denver International Airport	Denver International Airport	100% Confidence
Dubai International Airport	Dubai International Airport	100% Confidence
George Bush Intercontinental Airport	George Bush Intercontinental Air...	100% Confidence

7. If not selected, from the Map Layer list, select **world airports**, and then click **OK**.
8. Click **Save** . In Save Dataset As, enter Airport Data in **Name**, and then click **OK**.

Visualize the Data

1. Click **Create Workbook**. Click **Apply Changes**.
2. In the Visualize page, select **Airport Name**, and drag it to the canvas.

Oracle Analytics automatically creates a map with the data points representing airports.



3. In the Data pane, select **Traffic Movement**, and drag it to **Color** in the Grammar panel.

Airport Name, Traffic Movement



4. In the Data pane, select **Passengers**, and drag it to the visualization.

Airport Name, Traffic Movement, Passengers



© 2019 Oracle Corporation Map data © 2019 HERE

