ORACLE BI REPORT

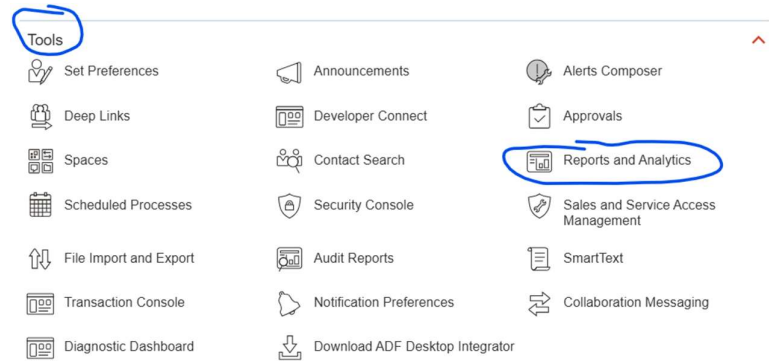## Multiple Datasets Data Model

Abstract

This document provides instructions to create a multiple dataset data model in BI Report.
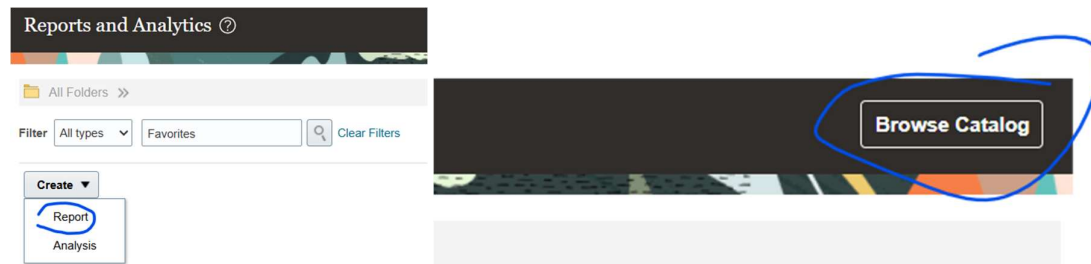
Ganesh Mahto

Create a multiple dataset

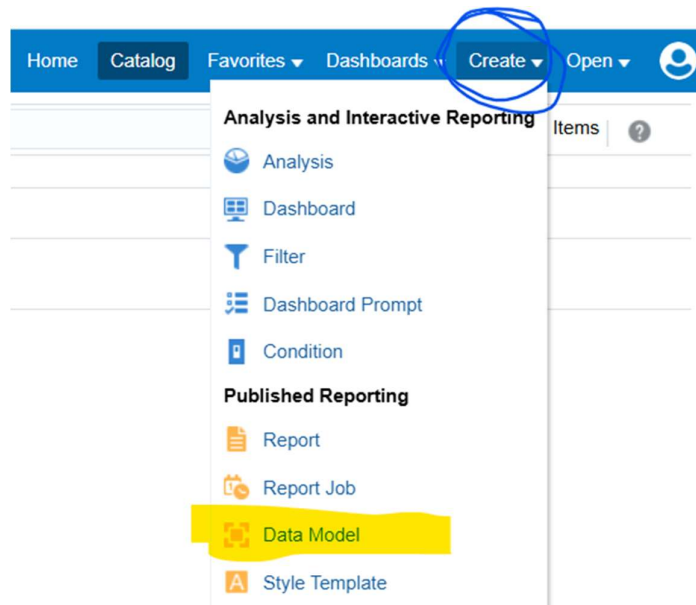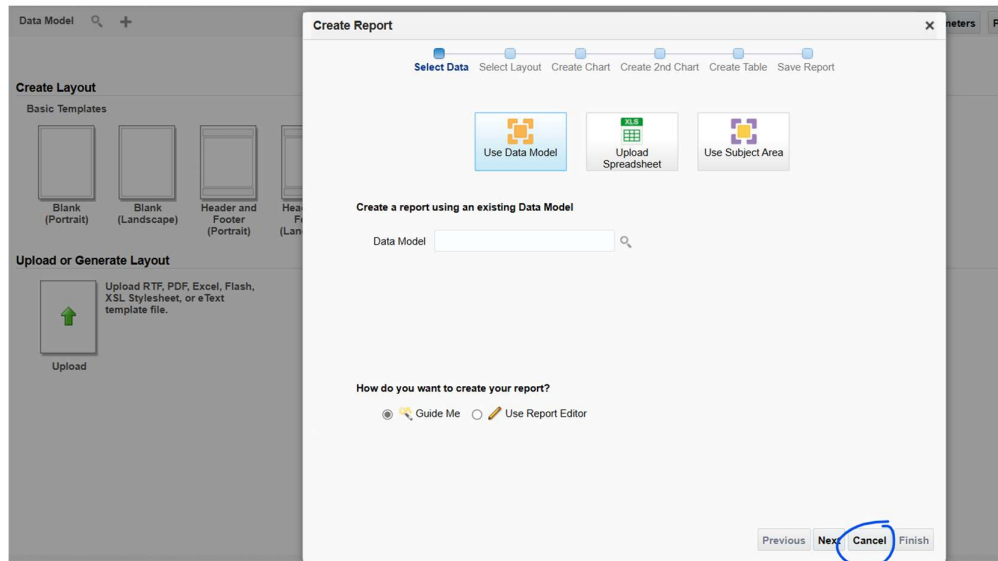Navigation-> Tools->Reports and Analytics
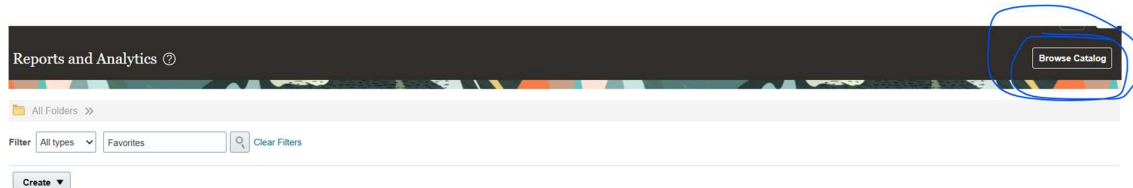

Click Report or Browse Catalog

Click on **Report**, it will open Report Wizard. Click on **Cancel** as first need to create Data Model that can be create from various place.

From Browse Catalog, click on "Create" and select "Data Model" from list as below image
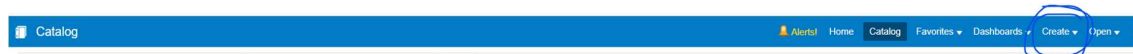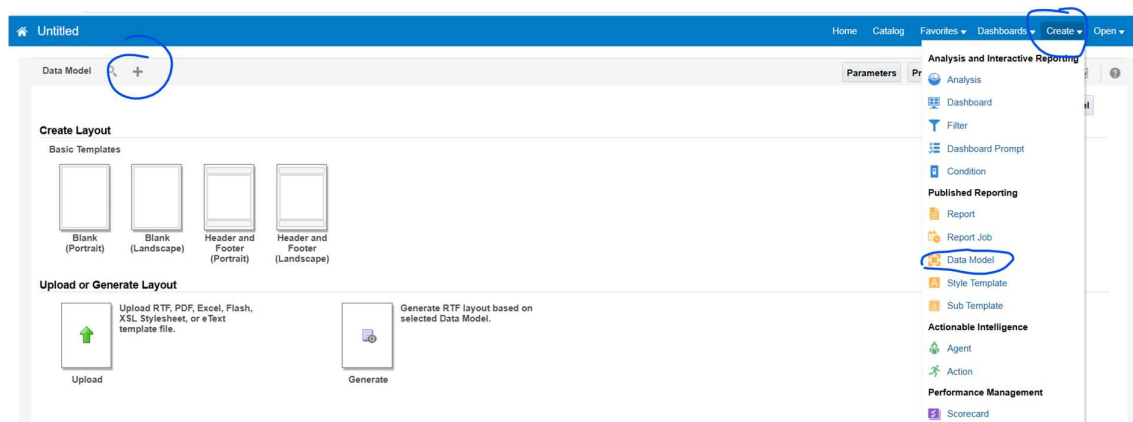
Another way, Click on Browse Catalog

It will be open window, Click on Create for new Data Model or Report Layout.
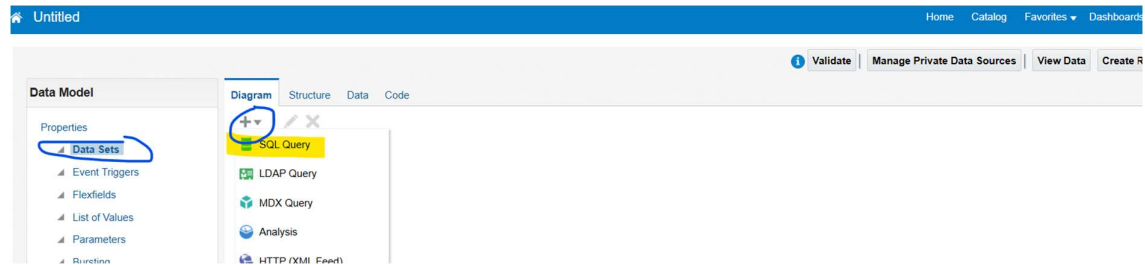

Data Model Design

Create Data Model

Either click on plus (+) sign left side or click on right side Create -> Data Model

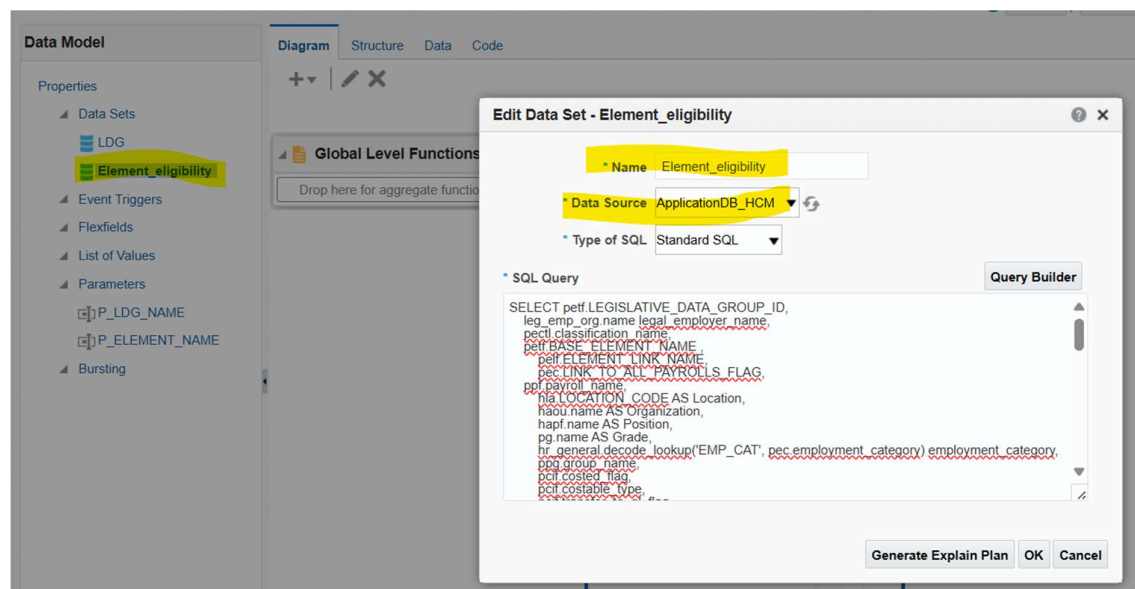It will leave this window and open new window Data Model.

Create Multiple Data Sets using SQL Query as Source

Create 1st Data Model (Element_eligibility)

Select appropriate Database Source.

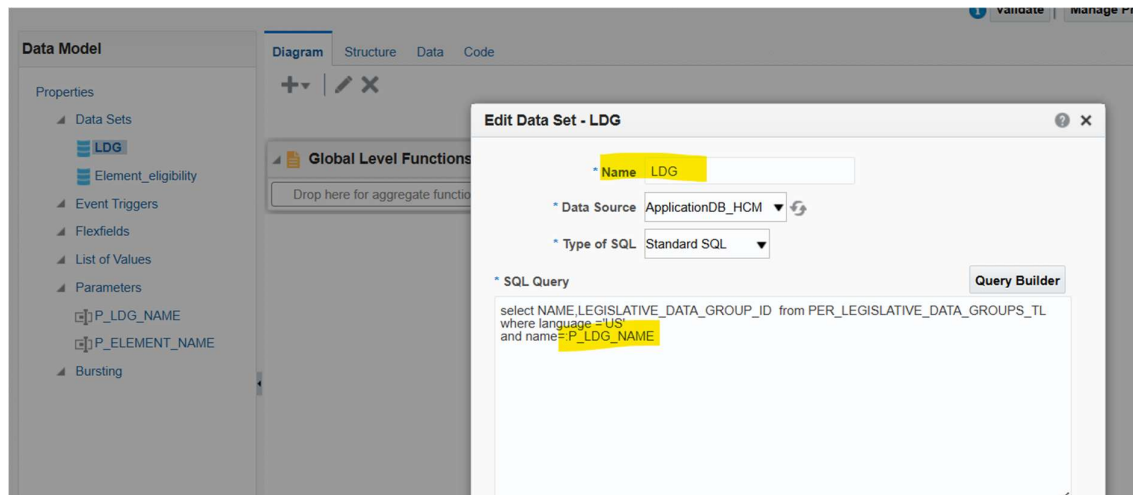ApplicationDB_HCM is selected as this report belong to HCM Cloud.

Create a SQL query with bind Variable,

Note: Create bind variable use : before parameter name, a popup window will open to confirm and generate parameter.
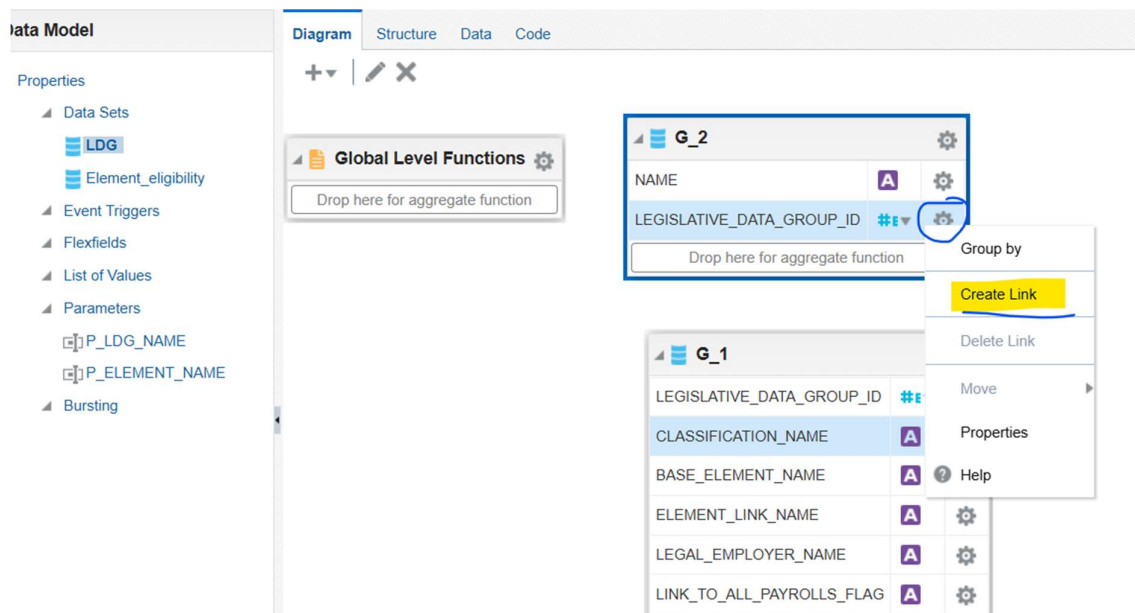
Click OK to create parameter.

Create 2nd Dataset (LDG)

Note: Any dataset can create as first dataset, LDG or Element_eligibility
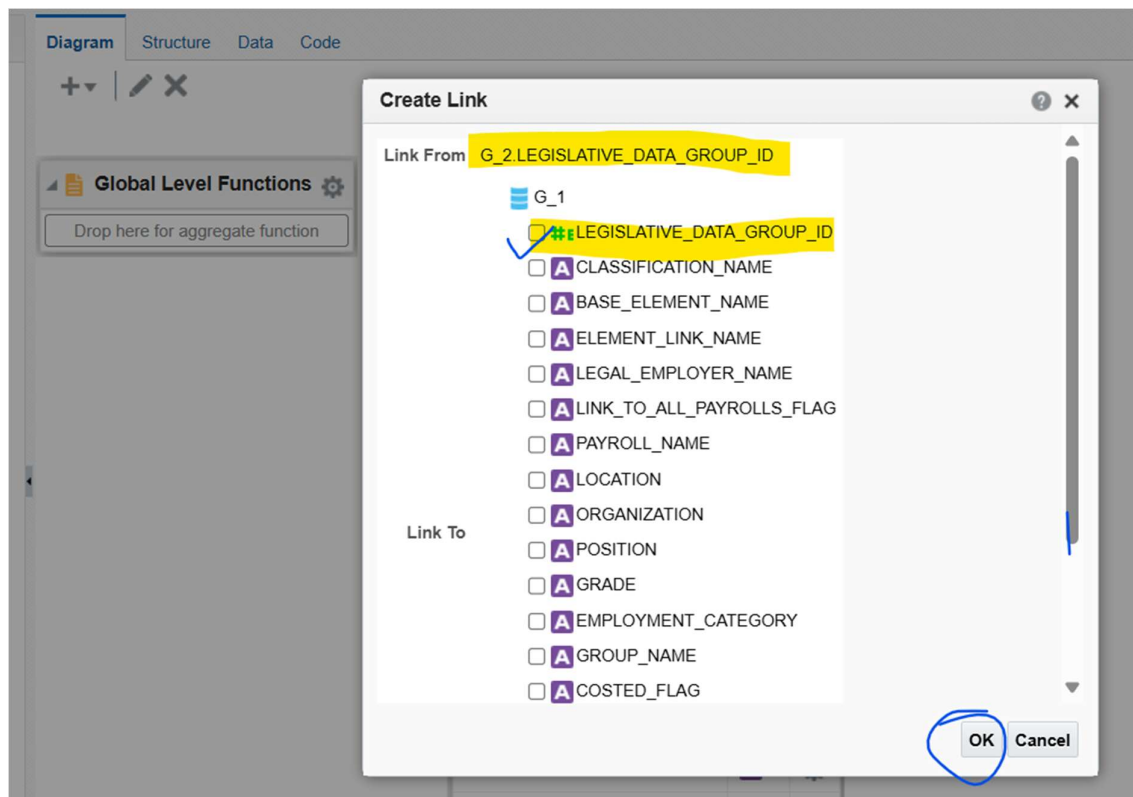
Create Data Link

In both Data sets, "**LEGISLATIVE_DATA_GROUP_ID**" is relation ID that can use to create data link between above data sets. It will create Parent child relationship between both data sets.

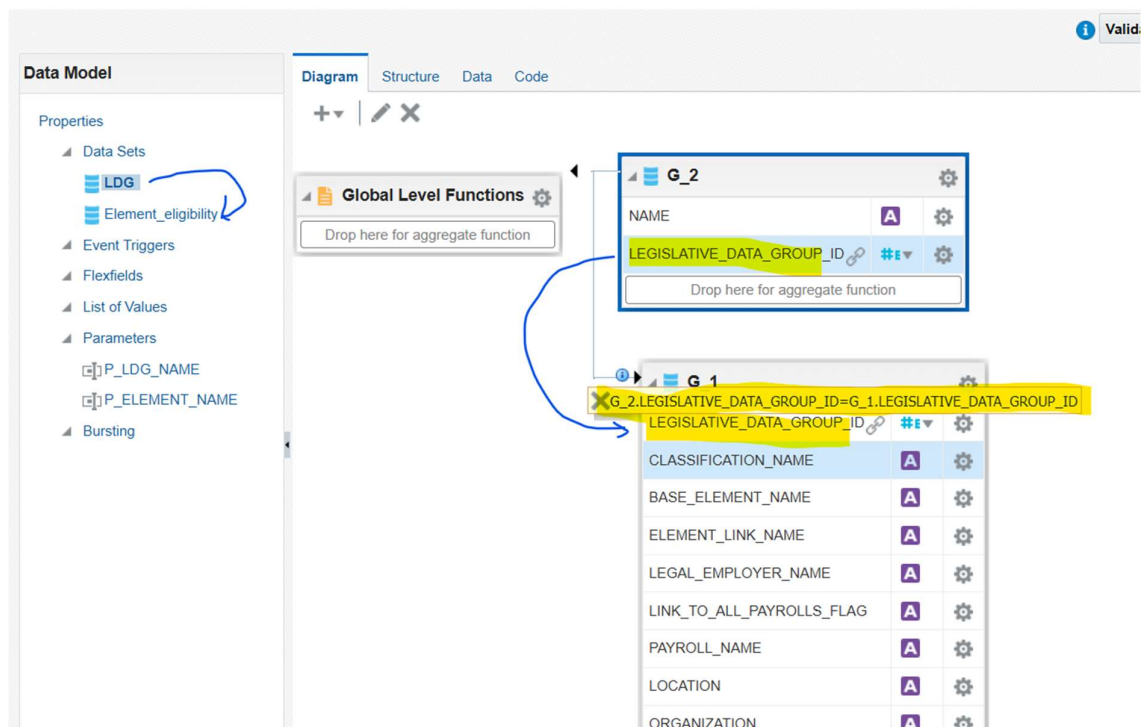In this example, LDG is parent and Element_Eligibility is child dataset.

Click on LDG Dataset->Open Diagram->click on [icon] icon ->Create Link

Select "**LEGISLATIVE_DATA_GROUP_ID**" as below image and click "OK"

It create data link between datasets,

View Structure.

View Data

Passed parameter and view the data.

Query can find

Knowledge Hub -> Scripts -> HCM SQL Queries