

# An Introduction to Worker Report - BIP Report Delivered By Oracle in Fusion Cloud Application

By: Ashish Harbhajanka

## Introduction

Like Any other ERP Application Oracle HCM Cloud Application (Formerly Known as Fusion Application) offers many delivered BIP and OTBI Reports which can be used to meet customer requirements. One such report is “Worker Report”.

Some of the reasons why this report needs special mention includes:

1. Provides Details of Most Commonly Used Entities like Person Name, Assignment, Work Relationship, Work Terms, Person Contact, Supervisor and Work Measure.
2. Multi Data Set Report (Demonstrates how to use Multiple Data Sets in Single Report)
3. Demonstrates How to Use a Parameter based on a List of Values (commonly known as Menu)
4. Refers SQL queries which are most frequently used for reporting purposes
5. Provides information related to various join conditions to be used when fetching data from child entities.

There are many instances where newbies (and for that matter even experienced consultants) are struggling to find relevant table names and associated data field related details to prepare a very basic report. A quick look at the SQLs used in the ‘Worker Report’ might come handy.

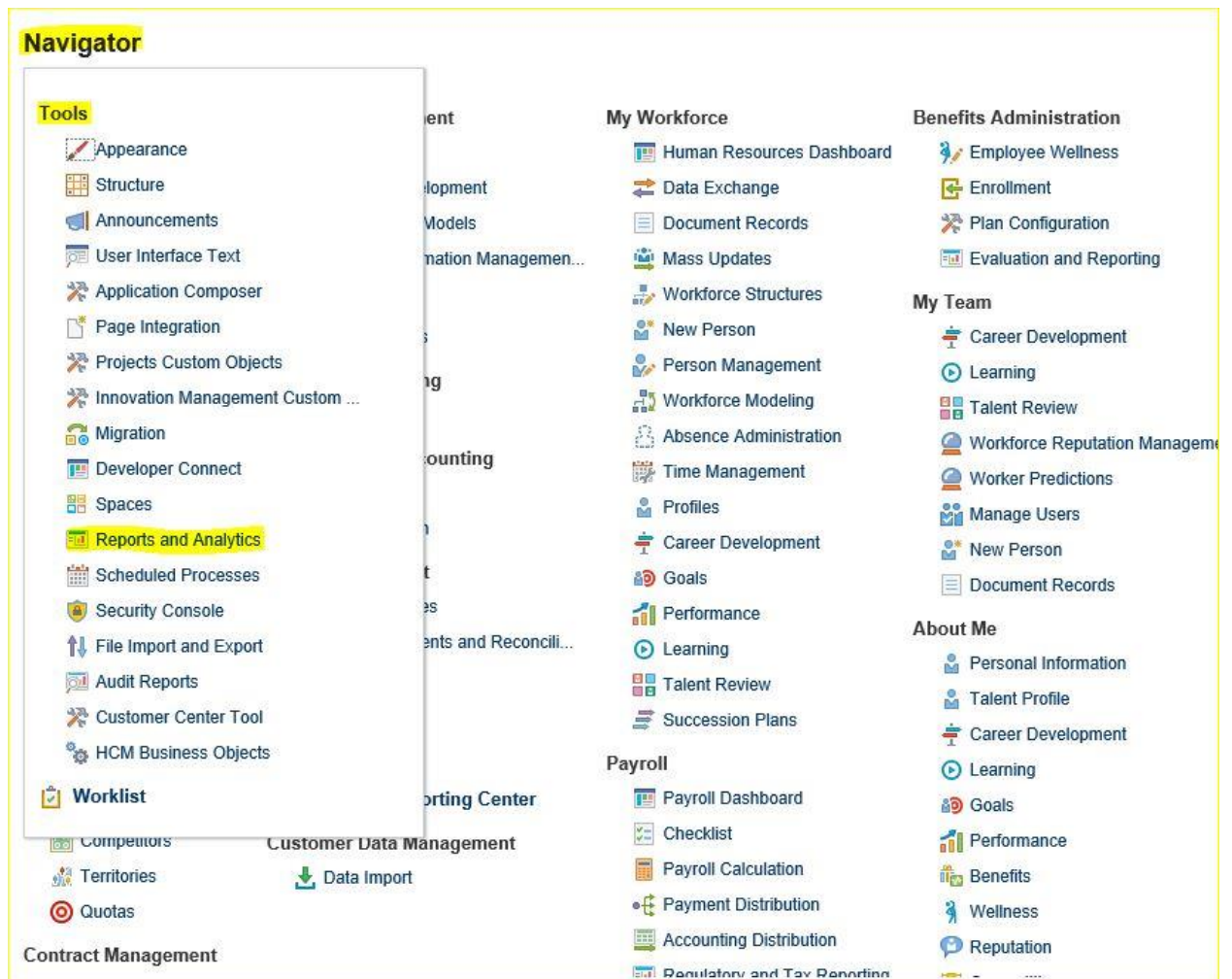
So let us now have a look at certain details about the same

## Navigation

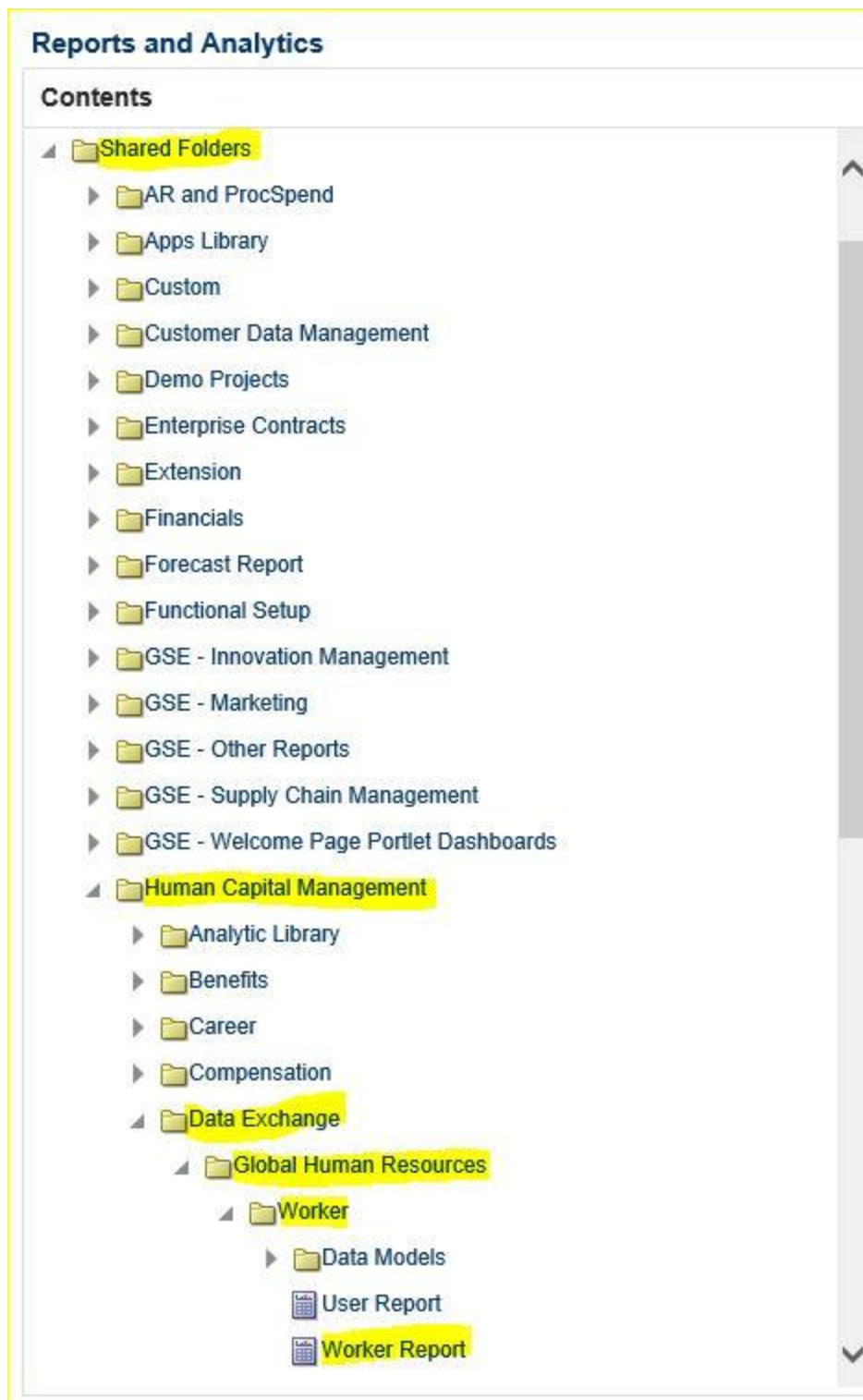
You should be able to locate ‘Worker Report’ under (a->b)

- a) Navigator->Tools->Report and Analytics

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b) /Shared Folders/Human Capital Management/Data Exchange/Global Human Resources/Worker



### Worker Report: Sample Execution

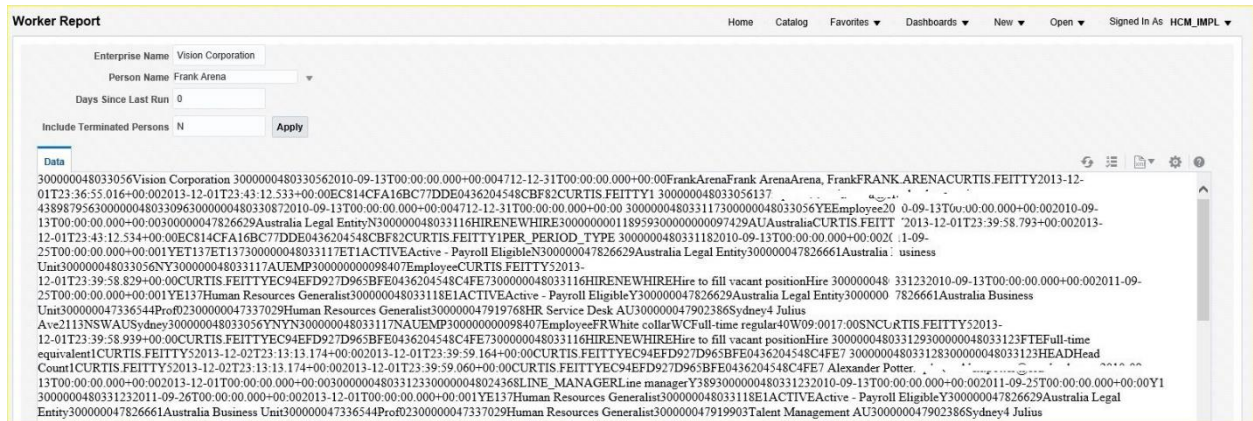
You would need to provide the following Inputs in order to run the Report

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Parameter Name	Parameter Value
Enterprise Name	Enterprise Name specific to your Environment('Vision Corporation' for this example)
Person Name	Name of the Person whose details needs t be fetched ('Frank Arena' for this case)
Days Since Last Run	0 (Default Value)
Include Terminated Persons	N (Default Value)

And the results would look as below:



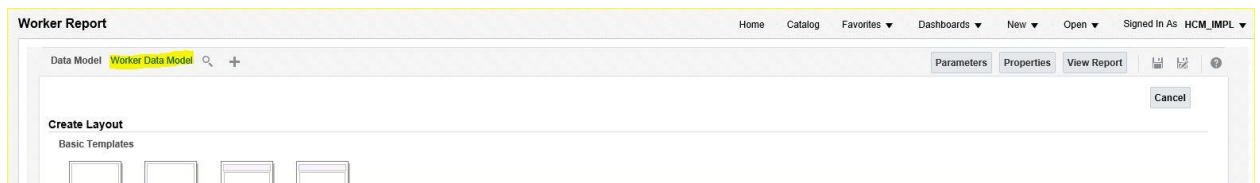
Enterprise Name	Person Name	Days Since Last Run	Include Terminated Persons
Vision Corporation	Frank Arena	0	N

### Worker Report: Data Model

And now, Finally let-us have a look at the Data Model.

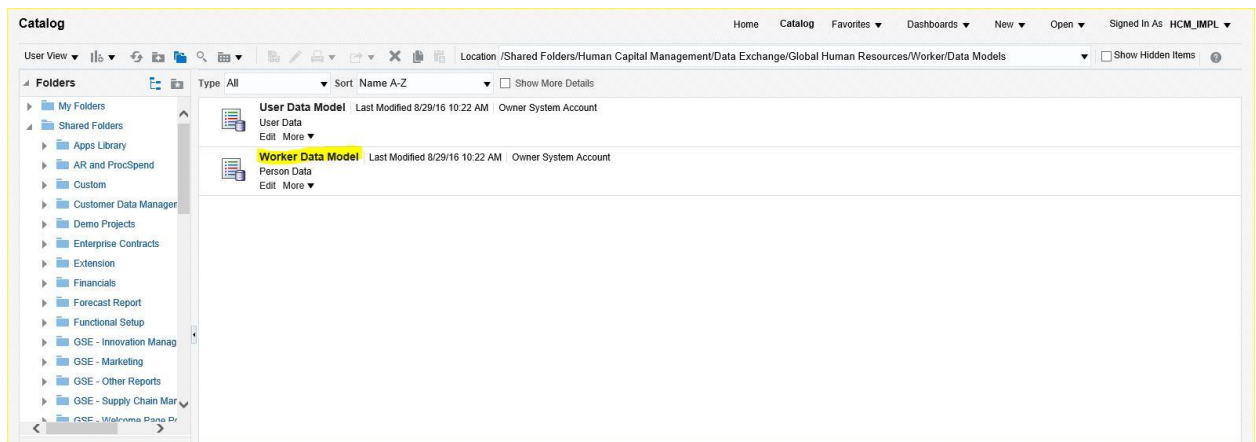
We may navigate to the Data Model associated with this report either via

1. Edit Report and Click on Worker Data Model as shown



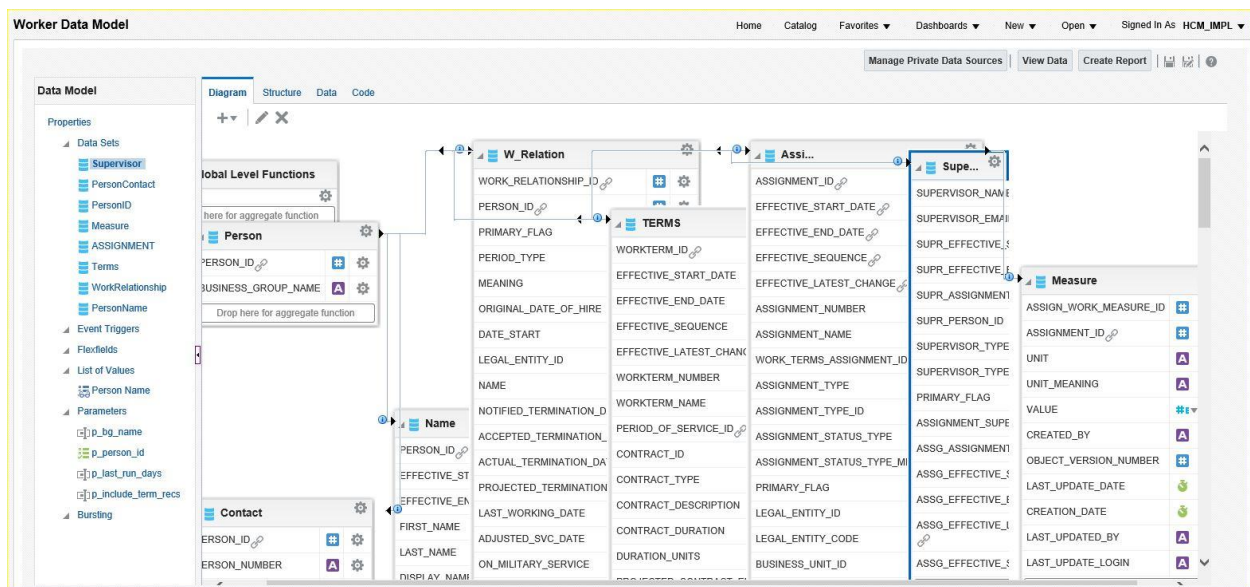
- 2) Navigator->Tools->Report and Analytics-> /Shared Folders/Human Capital Management/Data Exchange/Global Human Resources/Worker/Data Models

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### Worker Data Model: Details

Once we successfully navigate to the Data Model Location, we could click on Edit Button and would be able to see the Data Model Diagram

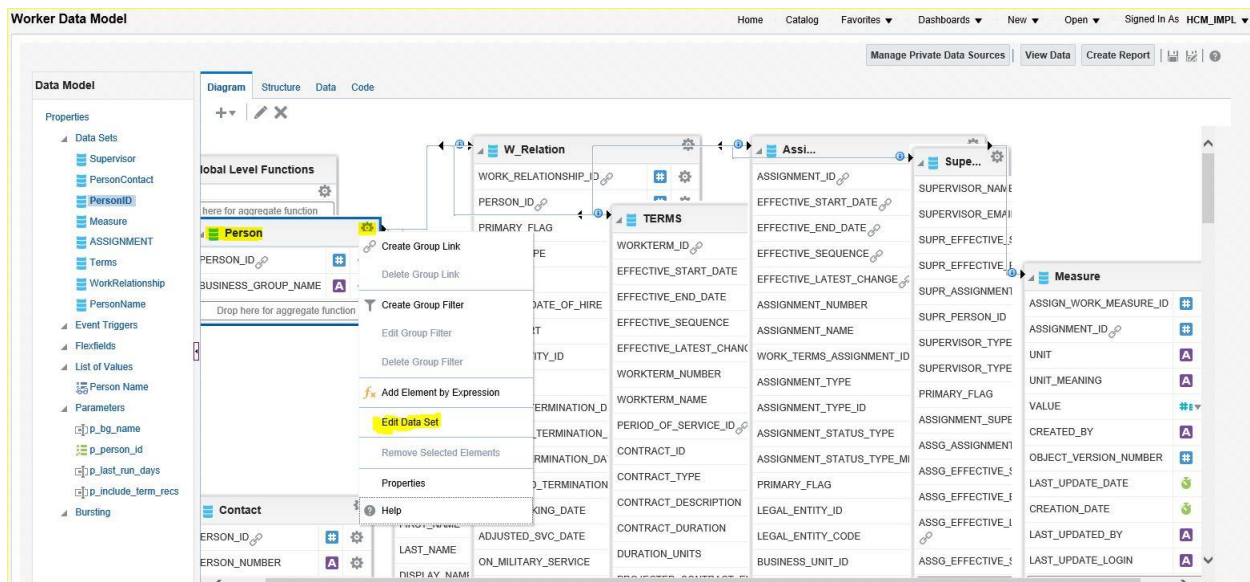


In order to get the underlying query associated with the Data Set we should click on the Data Set name and select the Edit Data Set (as shown)

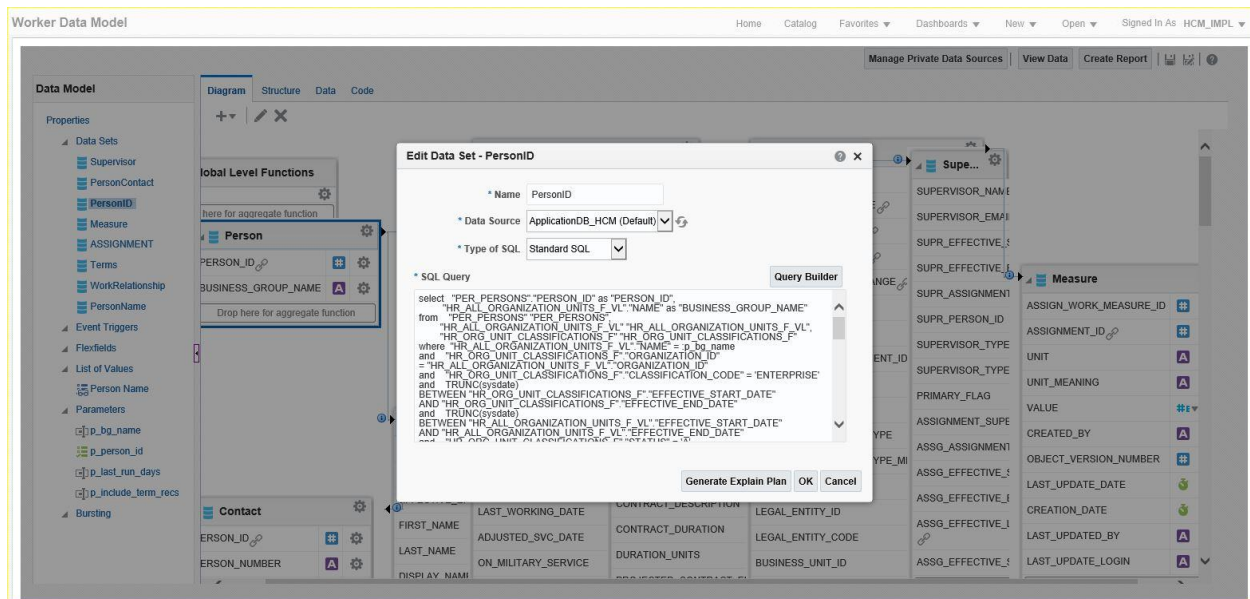


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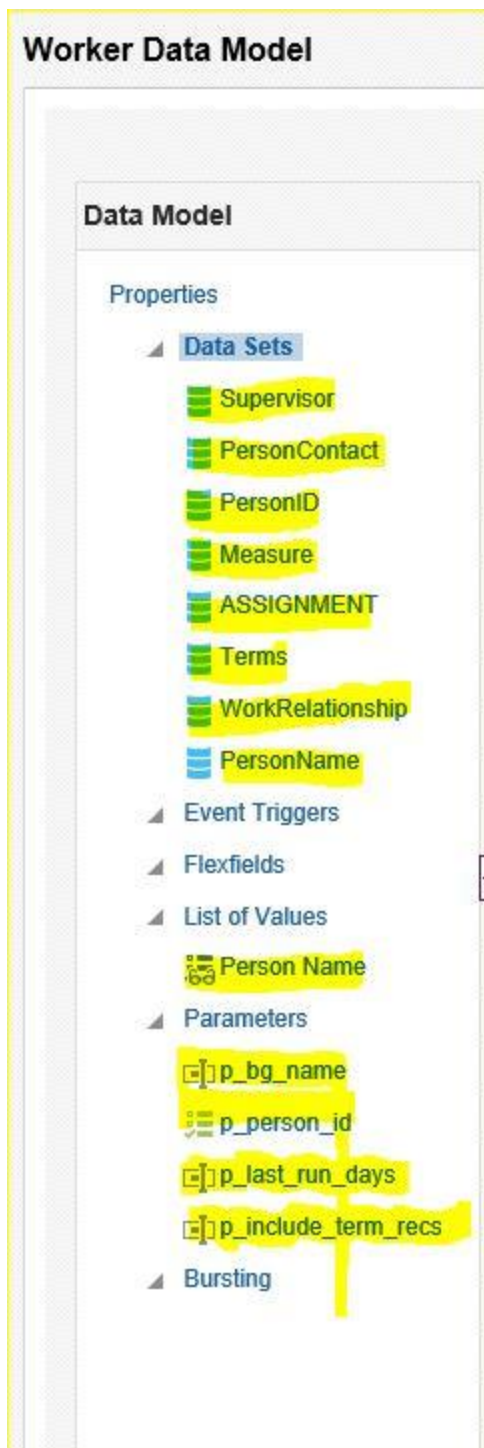
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And the SQL query would be displayed in a Popup Window



One may also select the various Data Model Properties to get more details on the same.



For example if one clicks on 'Person Name' a new page would open up and it containing information related with the same.

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The screenshot displays the Oracle Worker Data Model interface. On the left, a 'Data Model' sidebar lists various components like Data Sets, Properties, and Parameters. The main area is titled 'List of Values' and shows a table with columns: Name, Type, Data Source, and Reorder. The 'Person Name' entry is selected, showing its Type as 'SQL Query' and Data Source as 'ApplicationDB\_HCM'. Below this, the 'SQL Query' is displayed in a text area, and a 'Query Builder' button is visible. The query is a complex SQL statement involving multiple tables and joins.

Name	Type	Data Source	Reorder
Person Name	SQL Query	ApplicationDB_HCM	<input checked="" type="checkbox"/>

**Person Name: Type: SQL Query**

Options ☐ Cache Result

SQL Query

```
SELECT "PER_PERSON_NAMES_F_V"."DISPLAY_NAME" AS "DISPLAY_NAME",
"PER_PERSON_NAMES_F_V"."PERSON_ID" AS "PERSON_ID",
"PER_PERSON_NAMES_F_V"."BUSINESS_GROUP_ID" AS "BUSINESS_GROUP_ID",
FROM "PER_PERSON_NAMES_F_V" "PER_PERSON_NAMES_F_V",
"HR_ALL_ORGANIZATION_UNITS_F_VL" "HR_ALL_ORGANIZATION_UNITS_F_VL",
"HR_ORG_UNIT_CLASSIFICATIONS_F" "HR_ORG_UNIT_CLASSIFICATIONS_F",
WHERE "HR_ALL_ORGANIZATION_UNITS_F_VL"."NAME" = :p_bg_name
AND "HR_ORG_UNIT_CLASSIFICATIONS_F"."ORGANIZATION_ID" = "HR_ALL_ORGANIZATION_UNITS_F_VL"."ORGANIZATION_ID"
AND "HR_ORG_UNIT_CLASSIFICATIONS_F"."CLASSIFICATION_CODE" = 'ENTERPRISE'
AND TRUNC(sysdate) BETWEEN "HR_ORG_UNIT_CLASSIFICATIONS_F"."EFFECTIVE_START_DATE" AND "HR_ORG_UNIT_CLASSIFICATION"
AND TRUNC(sysdate) BETWEEN "HR_ALL_ORGANIZATION_UNITS_F_VL"."EFFECTIVE_START_DATE" AND "HR_ALL_ORGANIZATION_UN"
AND "HR_ORG_UNIT_CLASSIFICATIONS_F"."STATUS" = 'A'
AND "PER_PERSON_NAMES_F_V"."BUSINESS_GROUP_ID" = "HR_ALL_ORGANIZATION_UNITS_F_VL"."ORGANIZATION_ID"
AND TRUNC(sysdate) BETWEEN "PER_PERSON_NAMES_F_V"."EFFECTIVE_START_DATE" AND "PER_PERSON_NAMES_F_V"."EFFECTIV"
AND EXISTS
(SELECT 1
FROM "PER_ALL_ASSIGNMENTS_M" "PER_ALL_ASSIGNMENTS_M"
WHERE "PER_ALL_ASSIGNMENTS_M"."PERSON_ID" = "PER_PERSON_NAMES_F_V"."PERSON_ID")
```

Query Builder

Similarly, one may find details for other components too.

Thank you all for your time and I hope this write-up was useful. Do explore this Report on your environment too and feel free to share your comments/ suggestions and feedback.