



ORACLE BI REPORT

Create Simple Report

Abstract

This document provides instructions to create a simple Oracle BI Report using a single data set with parameters as Data model and using a BI template to design the report layout. It also covers scheduling the report job.

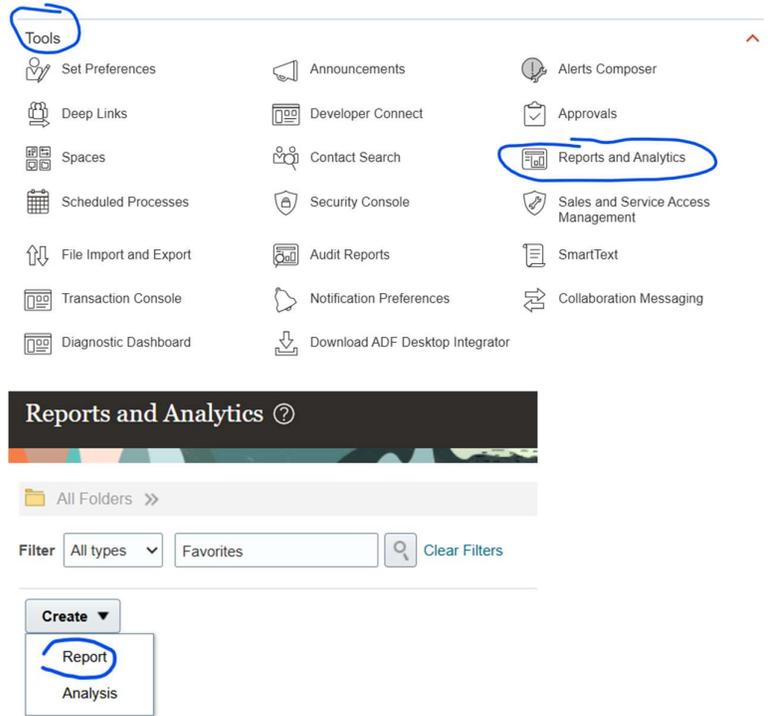
Ganesh Mahto

Requirement: Create report that display employee wise element run result for particular period.

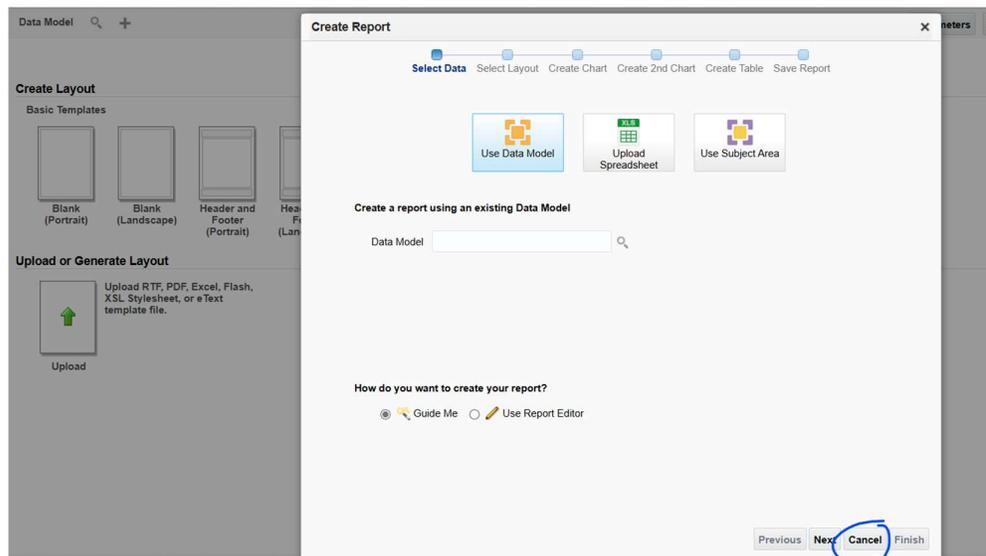
Report Name: Employee Element Run Result Report

To develop this report, First create Data Model and create Layout using BI Template.

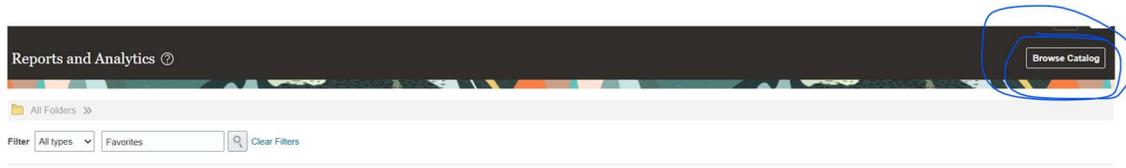
Navigation-> Tools->Reports and Analytics



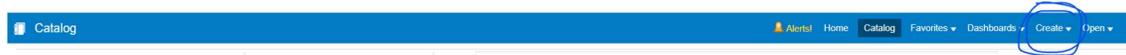
Click on **Report**, it will open Report Wizard. Click on **Cancel** as first need to create Data Model that can be create from various place.



Another way, Click on Browse Catalog



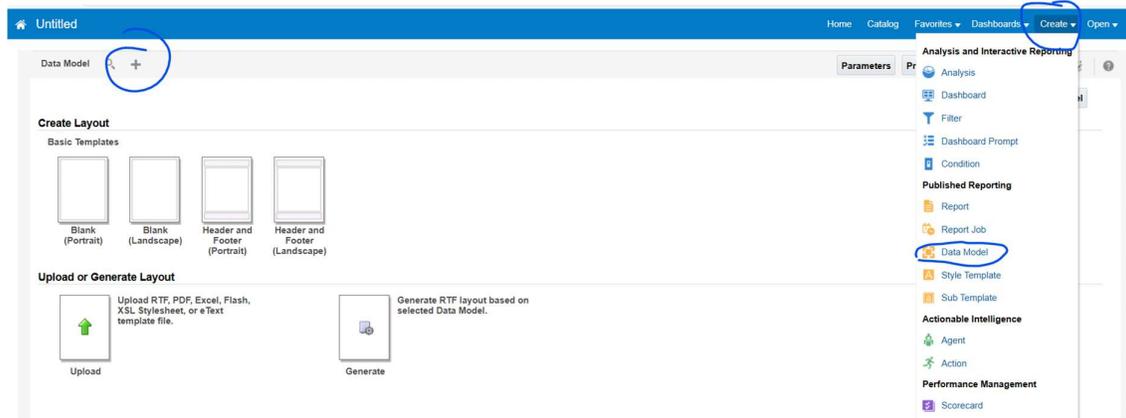
It will be open window, Click on Create for new Data Model or Report Layout.



Data Model Design

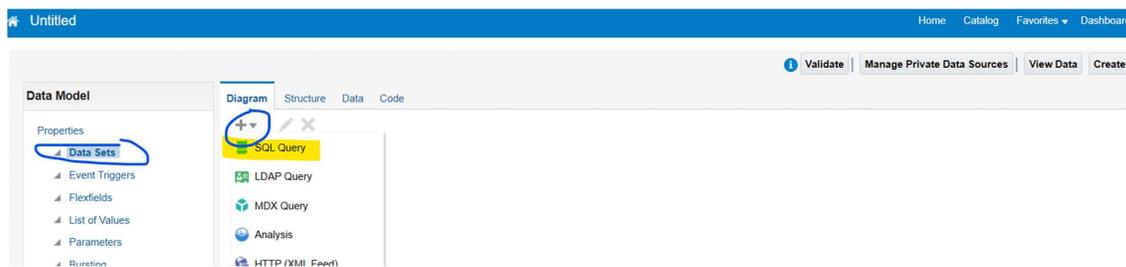
Create Data Model

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



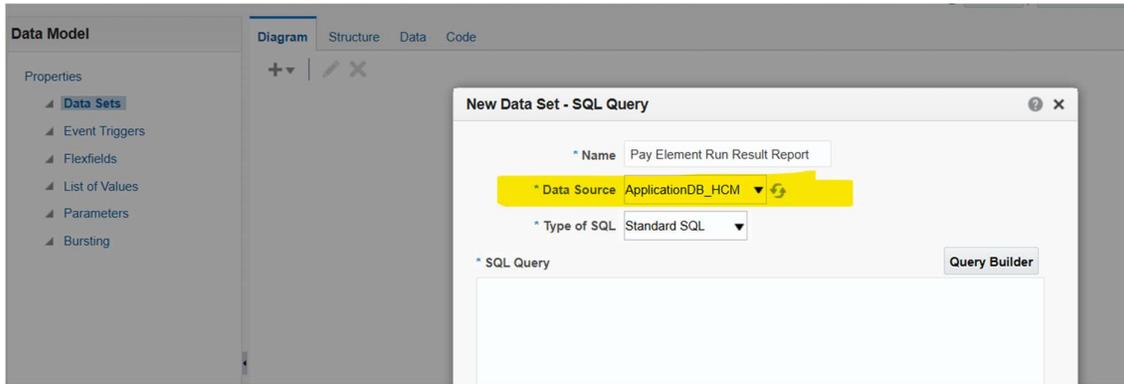
It will leave this window and open new window Data Model.

Create Single Data Set using SQL Query



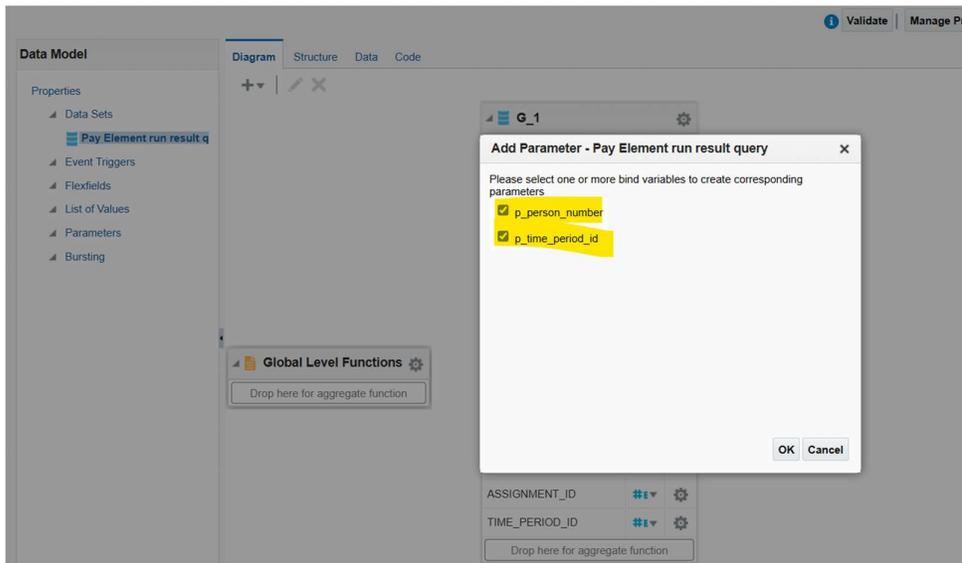
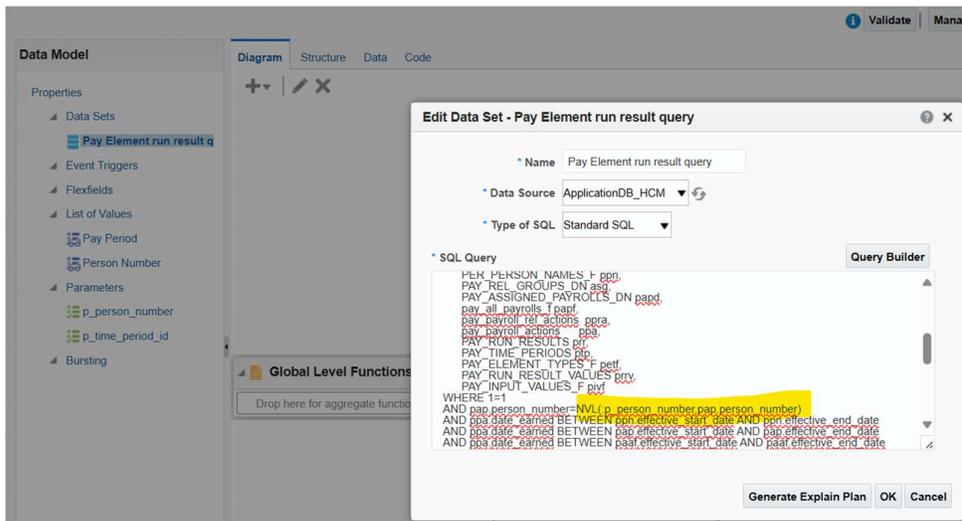
Select appropriate Database Source.

ApplicationDB_HCM is selected as this report belong to HCM Cloud.



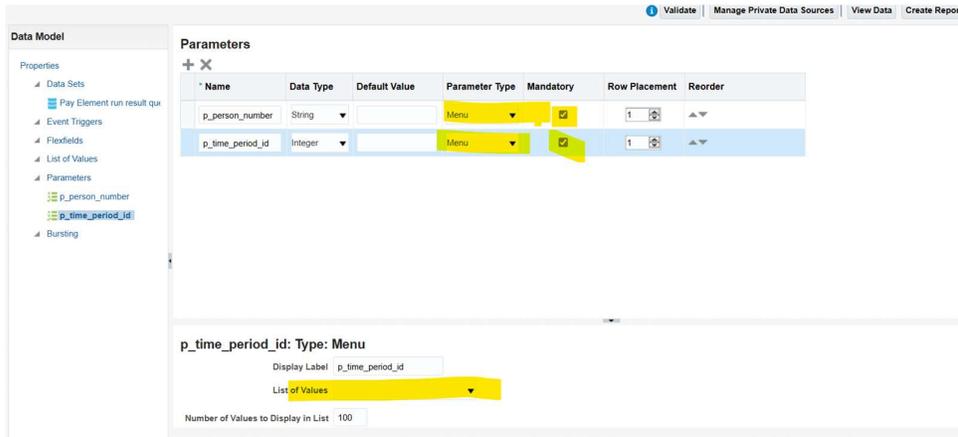
Create a SQL query with bind Variable,

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



Click OK to create parameter.

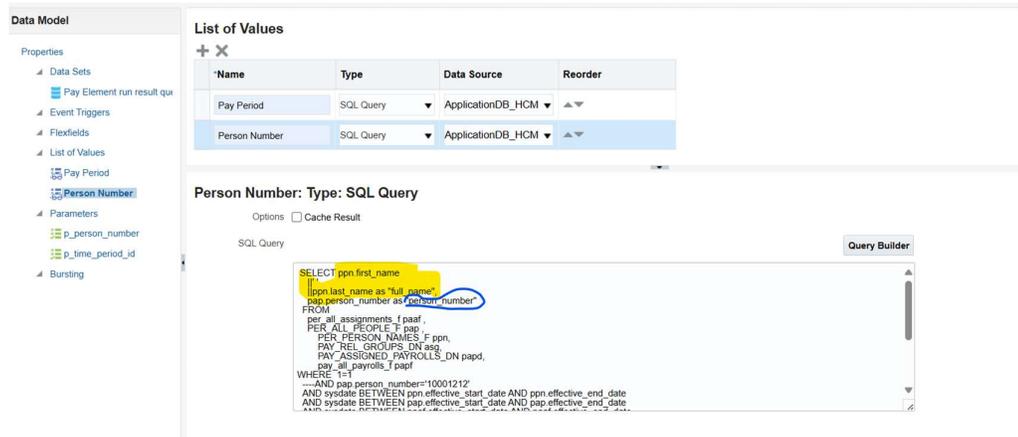
Modify Parameter type as Menu so that user can select parameter value from list of values.



Create List of Values that needs to attach with Menu parameter.

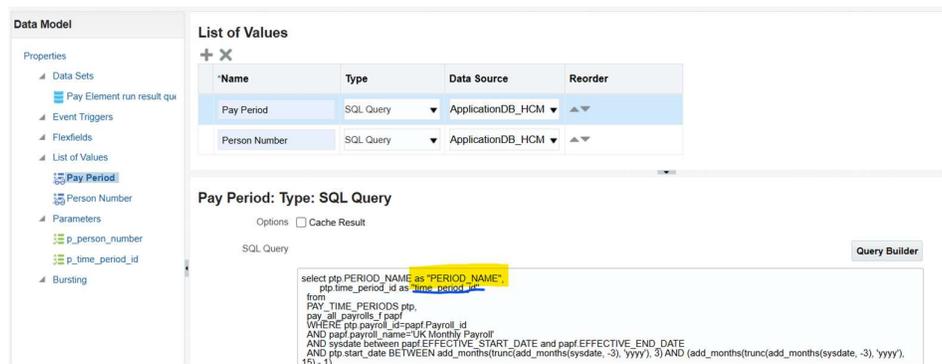
1. Person Number

Full Name will be display and person_number will be pass to Parameter



2. Pay Period

Period Name will be displayed and time_period_id will be passed to parameter



Now attached LOV with Parameters

Data Model

Properties

- Data Sets
 - Pay Element run result qu
- Event Triggers
- Flexfields
- List of Values
 - Pay Period
 - Person Number
- Parameters
 - p_person_number
 - p_time_period_id**
- Bursting

Parameters

Name	Data Type	Default Value	Parameter Type	Mandatory	Row Placement	Reorder
p_person_number	String		Menu	<input checked="" type="checkbox"/>	1	▲▼
p_time_period_id	String		Menu	<input checked="" type="checkbox"/>	1	▲▼

p_time_period_id: Type: Menu

Display Label: Pay Period

List of Values: **Pay Period**

Number of Values to Display in List: 100

Options: Multiple Selection

Can select all

Refresh other parameters on change

Data Model

Properties

- Data Sets
 - Pay Element run result qu
- Event Triggers
- Flexfields
- List of Values
 - Pay Period
 - Person Number
- Parameters
 - p_person_number**
 - p_time_period_id
- Bursting

Parameters

Name	Data Type	Default Value	Parameter Type	Mandatory	Row Placement	Reorder
p_person_number	String		Menu	<input checked="" type="checkbox"/>	1	▲▼
p_time_period_id	String		Menu	<input checked="" type="checkbox"/>	1	▲▼

p_person_number: Type: Menu

Display Label: Person Number

List of Values: **Person Number**

Number of Values to Display in List: 100

Options: Multiple Selection

Can select all

Refresh other parameters on change

Save the Data Model in custom folder

Save As

Folders

- My Folders
- Shared Folders
 - Custom

Save In

/Shared Folders/Custom/

Pay Element Run Result Report_dm

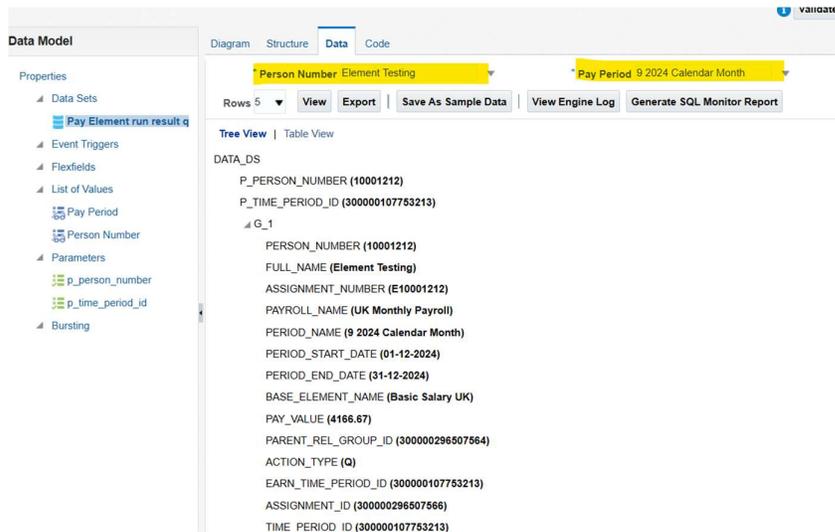
Name

Pay Element Run Result Report_dm

Description

OK Cancel

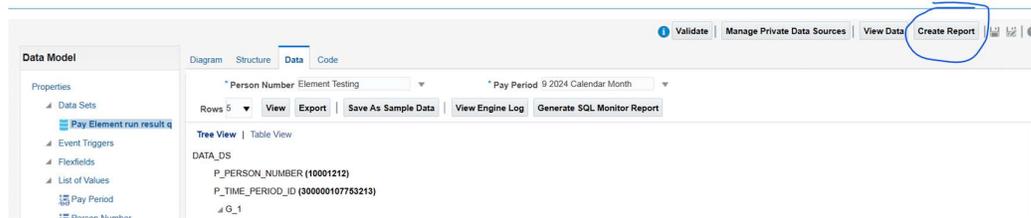
View the data and Save sample data, this is required to create layout.



Layout Design

Navigation -> Create Report

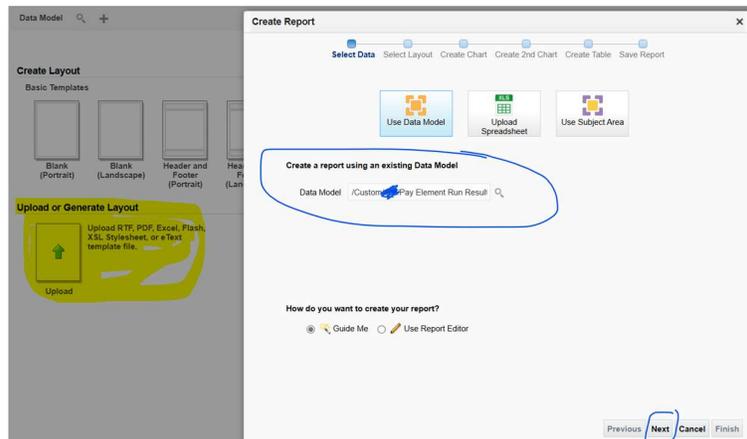
Create report layout from Same window after saving the sample data, Data model will be auto populated.

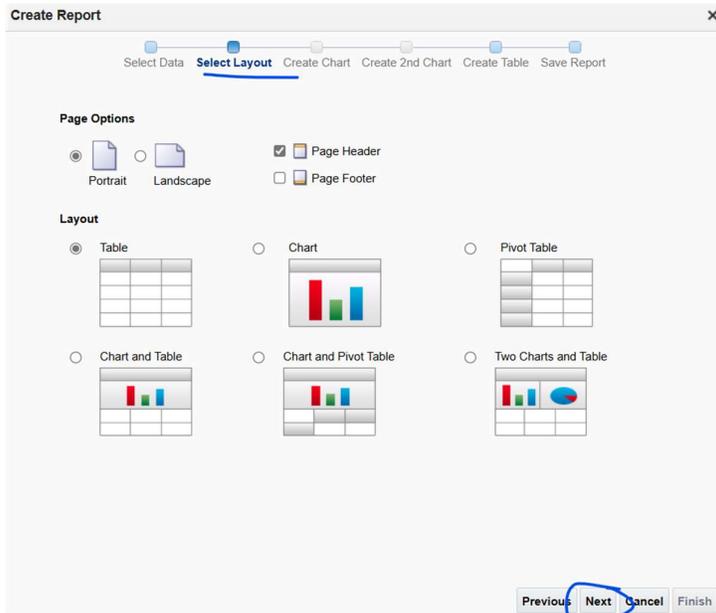


Select the Data Model (Pay Element Run Result Report_dm.xdm) if not auto populated.

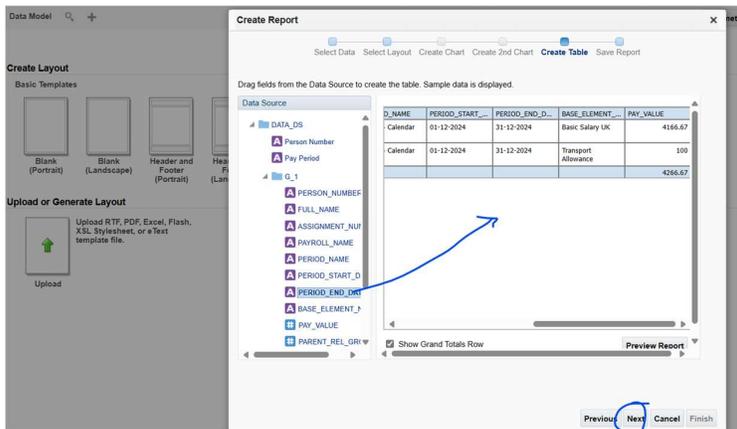
Note: Layout will be created using BI Template in this example.

To use other templates as given below in yellow highlighted screen, first need to create layout like RTF and upload here.

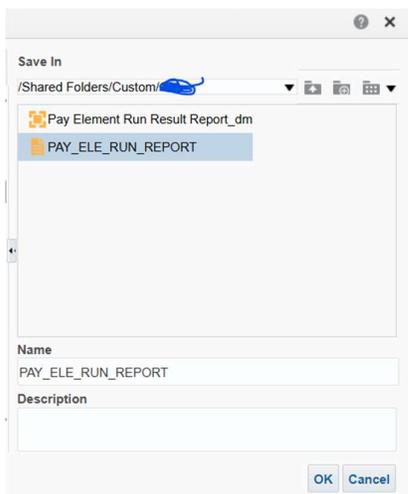




Select the require field that needs to display



Finish and Save report



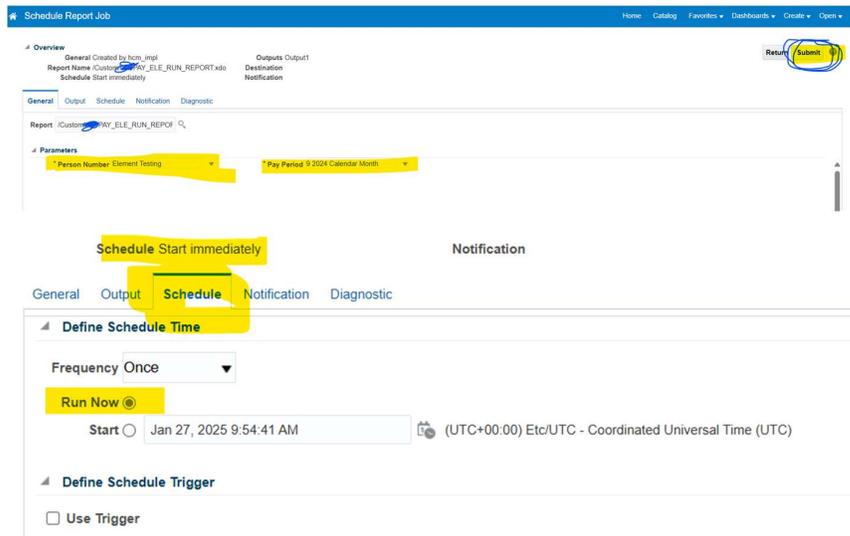
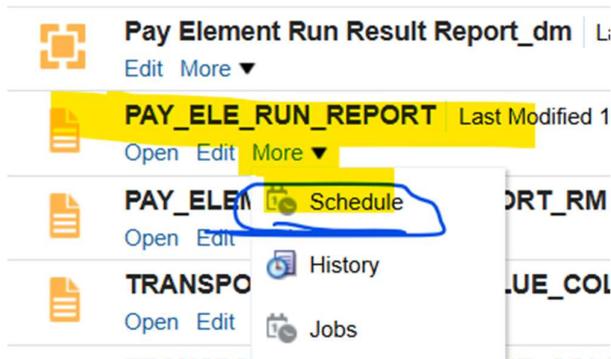
Check the output of report.

The screenshot shows a report viewer interface with a title bar containing 'Person Number Element Testing' and 'Pay Period 9 2024 Calendar Month'. The main content is a table titled 'Pay Element Run Result Report' with the following data:

PERSON_NUMBER	FULL_NAME	ASSIGNMENT_NUMBER	PAYROLL_NAME	PERIOD_NAME	PERIOD_START_DATE	PERIOD_END_DATE	BASE_ELEMENT_NAME	PAY_VALUE
10001212	Element Testing	E10001212	UK Monthly Payroll	9 2024 Calendar Month	01-12-2024	31-12-2024	Basic Salary UK	4166.67
10001212	Element Testing	E10001212	UK Monthly Payroll	9 2024 Calendar Month	01-12-2024	31-12-2024	Transport Allowance	100
								4266.67

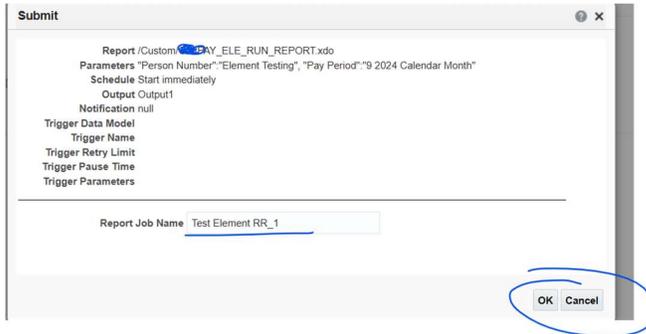
Run the report from Report Job

Click on Catalog -> Select the Report file (.xdo)->click on More-> Schedule

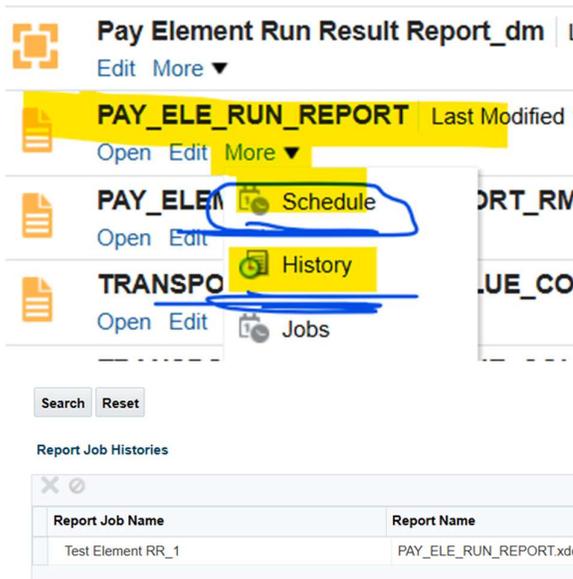


Click on Submit

Enter the Report Job Name and click OK.



Check processed report, Click on Return -> Select the Report file (.xdo)->click on More-> History



Click on output1 to open report output file.



It will open PDF file as report output selected as PDF.

Pay Element Run Result Report

PERSON_NUMBER	FULL_NAME	ASSIGNMENT_NUMBER	PAYROLL_NAME	PERIOD_NAME	PERIOD_START_DATE	PERIOD_END_DATE	BASE_ELEMENT_NAME	PAY_VALUE
10001212	Element Testing	E10001212	UK Monthly Payroll	9 2024 Calendar Month	01-12-2024	31-12-2024	Basic Salary UK	4166.67
10001212	Element Testing	E10001212	UK Monthly Payroll	9 2024 Calendar Month	01-12-2024	31-12-2024	Transport Allowance	100
								4266.67