Main Agenda- Creating an Association rule and using it

So in order to achieve this we need to know first about joins and then get into the associations  
so to achieve this the following steps were followed

Create report as case status

Graphical user interface, table

Description automatically generated

After running we get the normal report from the log table

A screenshot of a computer

Description automatically generated

Now I want to display the urgency in the report from the assign-worklist which is from instances of the assign-worklist class we will see the urgency   
A screenshot of a computer

Description automatically generated

Any one instance we have the urgency for the flow

Graphical user interface, text

Description automatically generated

So in here to display this urgency we need to do the join condition from the data access tab and do the join

Graphical user interface, text, application

Description automatically generated

And In here can specify the parameters and join it and we are joining through the condition and in that we have to specify with the key of the other table through which we want to join it here we are joining through the pxRefObjKey of the case and if we check with the instance it should match with the pxRefObjKey of the instance and we are having the same there   
Graphical user interface, application

Description automatically generated

So with this key it would join now we need to add the prefix of the join and add it in the column source of the report

And after attaching the prefix we would be getting the properties of the class which we had joined in the dropdown of the column source such as below

A screenshot of a computer

Description automatically generated

Now If I add the column source and we can get the result from the assign-worklist class

Where in we would be getting the urgency of it in the report results   
Graphical user interface, table

Description automatically generated

So now the point comes why we need the associations and not joins it is almost same but the main difference is that Class joins Rules helps to joins the two classes only when these two classes are having common column, but Association Joins will join the two classes even if they don't have a common column.

So let’s create an association now

We can find it under the data model and can create it remember that here if we create it automatically would be found under the report as of now I do not have the associatons and I also cannot add it

A screenshot of a computer

Description automatically generated

So let’s create an association and the label of the association works as the prefix and we need to add the join condition here   
and in here we can give the source from the join condition having from the report which we created earlier

And we should give the same join condition here and we can give the source and target source is our class in which we have the report and target would be our joining class in here we have the Assign-Worklist class.   
Graphical user interface, text, application, chat or text message

Description automatically generated

Now this is the simple association rule and we have the complex association rule also we can do the advance configuration of the association

When converted we already would have these in the columns

And in this we have the conditions and the join condition similar to the report Graphical user interface, text, application

Description automatically generated

And have the same condition

Graphical user interface, application

Description automatically generated

And we can include matching rows and we would automatically see the changes and we cnan specify tis joining is based on simple SQL query and help in the joining

Now I would be removing the join condition and the step in the report and now we can take the Association rule name and keep it as a column source and give the association name and when given it without any join condition only Urgencyssign from the class is shown

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Description automatically generated

And now through association it is coming but the main thing is we need to know what is the use now example I am creating another report and again for suppose I want to get the worklist and we can simply use association rule and instead of again and again using the join condition configuration for the report we can use one association rule under the multiple times in other reports also of the class instead of configuring join again and again so in here we have the association rule and the moment we add it to the column source of the report we can automatically see it in the data access tab

A screenshot of a computer

Description automatically generated

And after creating it we can get the association rule in the tab and we again don’t have access to add it in another report so can use this association everywhere. So that is the basic use of the associations.