**Basic Table Report Tutorial**

1. **Expected Output**

**Table

Description automatically generated**

1. **Table Element in Jaspersoft Studio**
   1. What is table element?
      1. Table element is a component where you can create table to display your data from the query.
      2. You can also create the table by using text field and static text element but by having table element, it can make your task easier.
      3. Some of the difference between these 2 methods are, for usual style of creating table, it will involve column header band, detail band, column footer band and summary band. Meanwhile, for table element, all the things are already built in, and you can configure it in separate place from the main white canvas. Cool right?
2. **Step by Step**
   1. First you need to create the report as usual and set the dataset.
   2. Remove all the band except Summary band.
   3. This is because table element will be insert inside this band and because of the reason it has its own configuration page, so it does not need the other band.

Table

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Title Band

Summary Band

* 1. As you can see here, only 2 band are used which are Title band and summary band.
  2. After you removed all the band, just drag table element from basic element and Table Wizard will appear.

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* 1. Table wizard setup-
     1. Set the dataset for the table to use.
     2. Then choose data connection on the next page.
     3. Then select the field that you want to use for the table.
     4. And lastly you can set the colour for all cell:- Table Header, Column Header, Detail and All Row Detail.
     5. You can also choose which part of the table you do not want to display.
  2. Once done, you can see the table have been created.
  3. Yes, you can preview first whether to check if the table have error or not but the table is still not complete as you still need to configure it to make it look better.
  4. Next, you can double click at the table or double click at the table element at the outline of the report.
  5. You will be directed to new page where here you can configure your table.

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* 1. As you can see here, in the table configuration page you will have new outline.
  2. You can see the style, dataset used and the structure of the table component:
     1. Styles – Is the place you want to configure the table style like the header colour, table footer colour and all the cells involved.
     2. Dataset – Show the field extracted from the query of the dataset and you also can create variable here too.
     3. Table - It display the structure of the table for your report.

Table

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* 1. In here you will see 2 tabs, one for your main report and one for the table page configuration
  2. The concept is same as before where you can apply text field and static text for the detail.
  3. For resizing the column height, it will be different from before. In here you need to adjust the cell width and height to adjust the size of the size.

Table

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* 1. Let say for Account number cell, you need to adjust the cell width in order to increase the height or width of the cell.

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* 1. You can do that by selecting the column cell at the table outline
     1. Column Header – Row of column header
     2. **Column – Representing the cell of and here you can adjust the height and width of the cell at the column properties**
     3. Account Number – Here you can insert **either Text Field or Static Text** depending on your need

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* 1. Here is the Column Properties (Cell properties) that u can set the height and width of the cell.
  2. By default, once you have set the cell height and width here, the text field or static text for the cell also will follow the size of the cell.

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* 1. Otherwise, if you want to set the text field/static text size by manually, u need to change the ‘Arrange in Container’ to ‘Free Layout’ first before proceeding to change the width or height value at the text field/ static text properties.
  2. Noted that by default the ‘Arrange in Container’ -> Horizontal Layout.
  3. Once done, you can test it by preview the report.

1. **Important Note**
   1. Table element is much easier to use for displaying table report but depending on your need for the report.
   2. The text field and static text properties are same as usual so you just need to get used to the basic one this one should not be an issue to you.
   3. For styling you can also change it based on report requirement.
   4. I suggest to fully utilised use the style at the outline to make your job much faster and easier.

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Parent Style

* 1. In the Cell properties you can select the parent style and choose what style did you want to implement of for the cell column. You can also create new style if you want.

Text

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* 1. Here you can see I create new style named – MIA\_Condition and inside the style I create some condition for the style.

**Table

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* 1. For the MIA column, I have set the style to MIA\_Condition and it will change colour depending on the MIA value.