Software for
Business Intelligence
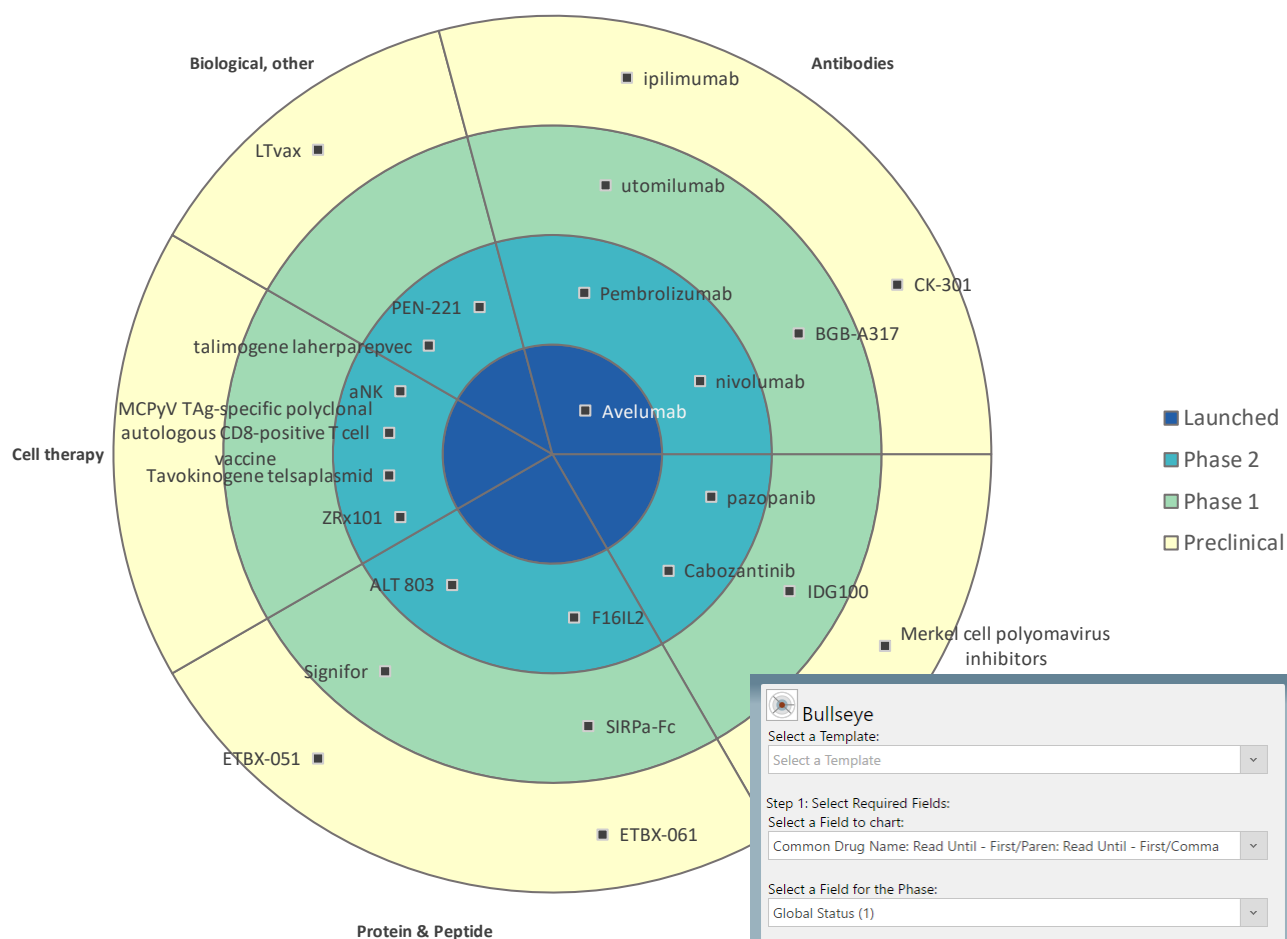
BizInt Smart Charts

Visualizing the Pipeline with a Bullseye

[Pipeline DP-16]

This recipe shows how to create our newest visualization -- a VP-SCE Bullseye^SM generated in PowerPoint.

The bullseye shown here was created by integrating Merkel Cell Carcinoma pipeline data from Cortellis and Pharmaprojects. BizInt Smart Charts and VantagePoint tools were used clean up drug names and phases, and to create a "type of compound" category for the sectors or slices of the chart. Some review by the analyst is also required. Once the data is prepared, the bullseye is drawn automatically by VantagePoint - Smart Charts Edition as a PowerPoint slide, which can then be edited if needed for final presentation.

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How did we create this?

> The **type of compound.the** file used in this recipe can be found at: **www.bizint.com/vptraining**

SEARCHES: Cortellis and Pharmaprojects: Indication = Merkel Cell Carcinoma

BIZINT SMART CHARTS DRUG DEVELOPMENT SUITE

1. **Import data:** Use **File | Import** to import the sample data from each database. Choose the General Product Chart (Pharmaprojects) or Basic Information (Cortellis) as the initial chart template.
2. **Combine data:** Use **File | Combine** to combine both charts, choosing the Citeline chart as your key chart.
3. **Display key information:** Select **View | Columns** to add the columns you plan to use – for this recipe, include Global Status, Origin of Material, and Technologies columns.
4. Save the chart, and select **File | Send to Reference Rows** to open the chart in BizInt Smart Charts Reference Rows.

BIZINT SMART CHARTS REFERENCE ROWS

5. In the wizard, click Generate (to generate Common Drug Names.) Then click Next and on the next step, click Finish.
6. Use **File | Export** to export as VantagePoint - Smart Charts Edition. VantagePoint - BizInt Smart Charts Edition (VP-SCE) should open and import the file.

VANTAGEPOINT - SMART CHARTS EDITION - *clean up the data*

7. **Create a field combining different publisher fields:** Under the **Refine** tab, click on **Merge Fields**.
   For this recipe, select and add the Origin of Material and Technologies fields and click OK.
8. **Apply thesaurus to create categories:** Click on **Thesaurus** and enter "Type of compound" for the Name of new field.
   Select the "Type of Compound" thesaurus.
   Click on More Options and uncheck the box to "Include unmatched items in new field." Click OK.
9. **Export back to Reference Rows for review:** Under the Report tab click on Export to BizInt Smart Charts.
   In the Export Wizard, select only the "Type of Compound" field and Click Export.

BIZINT SMART CHARTS REFERENCE ROWS - *review and select data*

10. When BizInt Smart Charts Reference Rows comes to the foreground, select the combined chart. It will redisplay with the new column "Type of Compound." Review and edit the column so that there is only one Type of Compound value for each record.
11. Use **File | Export** to export to VantagePoint - Smart Charts Edition.

VANTAGEPOINT - SMART CHARTS EDITION - *clean up the data and create the Bullseye chart*

12. **Set Phase as Data Type:** If not already set, right-click on the Global Status field and choose **Set Data Type | Custom | Phase**.
13. **Normalize Phase:** Right-click on Global Status field and choose **Thesaurus**. For the Thesaurus, select "DrugDevelopmentPhases_Arabic" and click OK.
14. **Create sub-dataset:** Double-click on the column header to sort by phase. Use Shift+click to select Preclinical through Launched. Click on **Create Sub-dataset** and click OK. *A new dataset appears with your selected phases.*
15. **Clean Common Drug Name:** Right-click on Common Drug Name and use **Further Processing | Read Until - First | Paren** to remove indication from drug names.
16. **Create Bullseye:** Go to the Report tab and click on **Bullseye**.
17. In Step 1, select the cleaned Common Drug Name as the Field to chart. Select Global Status(1) as the Field for the Phase and Type of compound as the Category field for the pie slices. Type your chart title in Step 2.
18. In Step 3, select PowerPoint as the export format and click **Create Bullseye**. Some intermediate windows will appear and then VP-SCE will create a new document in PowerPoint and draw the bullseye, similar to the one shown on the previous page.
    Note: You can edit the chart in PowerPoint and follow links to the trial records in the PowerPoint show.