

Assignment 5.

Business Intelligence Example. Jaspersoft.







Make screenshots displaying your work and paste them into a Word document.

Register for JasperSoft trial at this webpage: <http://www.jaspersoft.com/jaspersoft-live-trial>

You will receive an email from Jaspersoft with a trial User ID, password and link to the BI interface.

Part 1.

1. Login to Jaspersoft using your trial user ID and password. You will see possible options:

 <p>Data Sources Define connection to a database or other data source. View tutorial Create View list</p>	 <p>Domains Add structure to a data source for use in an Ad Hoc view. View tutorial Create View list</p>
 <p>Ad Hoc Views Visualize your data for analysis and report creation. View tutorial Create View list</p>	 <p>Reports Create and format interactive reports from existing Ad Hoc views. View tutorial Create View list</p>
 <p>Dashboards Combine related reports into custom dashboard layouts. View tutorial Create View list</p>	 <p>Admin Configure your server instance and manage user settings. View options</p>


2. Click on the [View List] link under the Reports item.



Reports
Create and format interactive reports from existing Ad Hoc views. [View tutorial](#)
Create **View list**


3. Click on "01. Geographic Results by Segment" and click [OK].

4. A report will be displayed. Notice that when you move a mouse pointer over the chart, details are displayed in a pop-up window.

5. Apply different filters to the report by clicking . A new window will pop up. Set new conditions to make sure that the chart displays data where:

- Store sales 2013 is greater than 5
- low fat products only
- in recyclable packaging only

6. Using the same window, display data for American Chicken Hot Dogs only.

7. Using , export this report into PDF format.

Part 2.

1. Navigate to <http://community.jaspersoft.com/wiki/jasperreports-server-reports-video> and watch the video on that page which explains how to create a report using Jaspersoft.
2. The first part of the video explains how to view and modify reports. The second part explains how to create a report.
3. Create a new report from an AdHoc view and export it into Excel.
4. Important. Available ad hoc view file names begin with numbers 01, 02, 03, 04, etc. You must use the template number, which matches the last digit of your student ID. For example
 - if your student ID end with 1 use 01. Geographic Results by Segment
 - if your student ID ends with 2 use 02. Sales Mix by demographic.
 - ...
 - If your student ID ends with 9 use 09. Store Segment Performance
 - If your student ID ends with 0 use 10. Calculated fields and measures.
5. Export the new report as an Excel file.
6. In the very top of this report, type your name in row 1 column A and your student ID in row 2 column A. Insert new empty rows if needed.
7. Save this Excel file. File name must be in this format YourLastName_YourStudentID_ViewName
 - View name should be the view name you used in Step 4.

Submit both files for Part 1 and Part 2 via WebCampus.