

Business Analytics - Report Studio - IBM Cognos Focus Report Using Prompts

Med. AMNAI

Filière Master Cloud BIG DATA

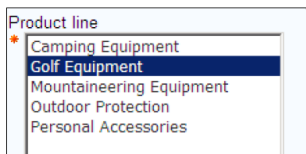
Département d'Informatique

Objectives

- Identify various prompt types ;
- Use parameters and prompt to focus data ;
- Search for prompt types ;
- Navigate between pages.

Examine parameters and prompts

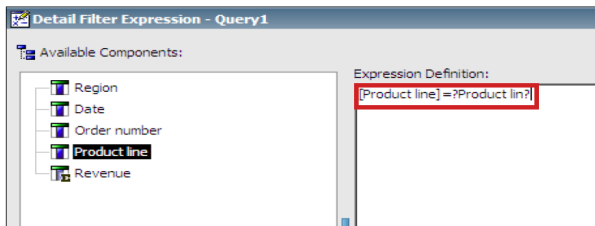
Prompts ask the user to provide the value for the parameter that will filter the report on specific data values.



Product line	Product type	Revenue
Golf Equipment	Golf Accessories	51,514,343.88
	Irons	254,814,337.99
	Putters	106,184,271.37
	Woods	313,898,414.65
Golf Equipment - Total		726,411,367.89
Overall - Total		726,411,367.89

Create a parameter Item on the Report

Use a parameterized filter to create a prompt.



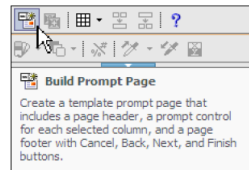
Identify various prompt types
Use parameters and prompts to focus data
Search for prompt types
Navigate between pages

Examine parameters and prompts
Create a parameter Item on the Report
Build a prompt page
Add a prompt Item to a report

Build a prompt page

List Report

Region	Date	Order number	Product line	Revenue
<Region>	<Date>	<Order number>	<Product line>	<Revenue>
<Region>	<Date>	<Order number>	<Product line>	<Revenue>
<Region>	<Date>	<Order number>	<Product line>	<Revenue>



Text Box Prompt

Date Prompt

Value Prompt

Add a prompt Item to a report

When a prompt item is dragged onto a report a prompt wizard walks the report author through the prompt buildin process.

Value Prompt

<input type="text"/>				
Region	Date	Order number	Product line	Revenue
<Region>	<Date>	<Order number>	<Product line>	<Revenue>
<Region>	<Date>	<Order number>	<Product line>	<Revenue>
<Region>	<Date>	<Order number>	<Product line>	<Revenue>

Demo : Create a prompt by adding a parameter

Demo - TP 14 : Create a prompt by adding a parameter.

Order number	Date	Product	Revenue
104734	Jan 8, 2013	Blue Steel Max Putter	34,320
104734	Jan 8, 2013	Course Pro Gloves	5,974.5
104734	Jan 8, 2013	Lady Hailstorm Titanium Irons	73,477.59
104735	Jan 8, 2013	Course Pro Putter	38,178.52
104735	Jan 8, 2013	Firefly Multi-light	7,670.06
104735	Jan 8, 2013	Hailstorm Steel Irons	22,773.4
104735	Jan 8, 2013	Hailstorm Steel Woods Set	52,234.8
104735	Jan 8, 2013	Lady Hailstorm Steel Irons	43,525.46

Identify Prompt Type

Choose the appropriate prompt type and style for your reporting requirements.

Text Box Prompt	Time Prompt
Value Prompt	Interval Prompt
Select & Search Prompt	Tree Prompt
Date & Time Prompt	Generated Prompt
Date Prompt	Prompt Button

Add a value Prompt to a report

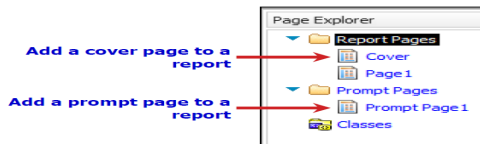
Demo - TP15 : Add a value Prompt to a report.

Value Prompt

<div><div></div><div></div></div>				
Region	Date	Order number	Product line	Revenue
<Region>	<Date>	<Order number>	<Product line>	<Revenue>
<Region>	<Date>	<Order number>	<Product line>	<Revenue>
<Region>	<Date>	<Order number>	<Product line>	<Revenue>

Add Pages to a Report

You can specify formatting for cells displaying data for a specific row edge item, such as Product line or Region.



Demo : Add a select and search prompt to a report

Demo - TP16 : Add a select and search prompt to a report.

Choose a Product Name:

Keywords:
Type one or more keywords separated by spaces.

EverGlow Search

Options ▾

- ☐ Starts with any of these keywords
- ☐ Starts with the first keyword and contains all of the remaining keywords
- ☒ Contains any of these keywords
- ☐ Contains all of these keywords

☒ Case insensitive

Results:

EverGlow Butane
EverGlow Double
EverGlow Kerosene
EverGlow Lamp
EverGlow Single

Select all Deselect all

Insert Remove

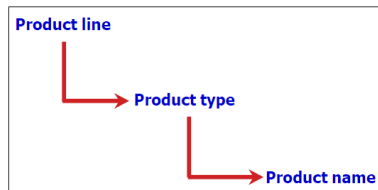
Choices:

EverGlow Butane
EverGlow Kerosene

Select all Deselect all

Create a cascading Prompt

Use values from a previous prompt to filter the values in the current prompt or picklist.



Create a cascading Prompt

Demo - TP 17 : Create a cascading Prompt

Product line

- Camping Equipment
- Golf Equipment
- Mountaineering Equipment
- Outdoor Protection
- Personal Accessories

Product type

- Cooking Gear
- Lanterns
- Packs
- Sleeping Bags
- Tents

[Select all](#) [Cancel](#)

Order method type

- All
- E-mail
- Fax
- Mail
- Sales visit
- Special
- Telephone
- Web

Product line	Product type	Order method type	Return quantity
Camping Equipment	Lanterns	E-mail	1,527
		Fax	1,089
		Mail	335
		Sales visit	7,408
		Special	169
		Telephone	4,902
		Web	50,160
	Lanterns - Total		65,590
	Tents	E-mail	648
		Fax	216
		Mail	240
		Sales visit	5,977
		Telephone	4,631
		Web	27,794
	Tents - Total		39,506
Camping Equipment - Total			105,096
Overall - Total			105,096