1. **To display the sales amount by Channel in USA**

For executive managers, they need the high level information of sales breaking down to channels.

**Tech Spec:**

1) to display the sales by channels in a **pie chart** for the latest year

2) use a **table** to list the numbers by Year VS Channel.

e.g

2005 2006 2007 ....

Channel1 X X X Trending line

Channel2 Y Y Y Trending line

**Also, This report can accept one year or multiple years.**

**My Notes:**

* **Built a separate dataset for the pie chart (only 2009 data is included)**
* **For parameters (in properties), it is important to set the correct data type (int for calendarYear in this case)**
* **First, your parameter should allow multiple values. Second, when you use your parameter to filter your dataset (in dataset properties), you need to choose operator “in” instead of “ =”**

1. **Top N Best Selling Products in USA**
2. This report is to show top N (By default 10) best-selling product. This "best" is defined by Net Revenue(Sales Amount-ReturnAmount-DiscountAmount).
3. Users can pass in year(s) to analyze the best selling products. The table should present the "Net Sold Quantity" and "Net Revenue".
4. On each product name, it can be linking to another report to show product detail information.

**My question: textbox expression**

="Top " & CStr(Parameters!prmTopN.Value) & " Best Selling Products in Year " & CStr(Parameters!prmYear.Value(0))

Join(Parameters!<MultivalueParameterName> .Value,", ") gives you the function to show all the value by comma-delimited list.

A little trick:

=Switch(

Fields!Year.Value = 2009,"Olive",

Fields!Year.Value = 2008, "DarkViolet",

True, "Black")

1. **Product Details**

Presenting the product details information in "card" style report. It allows users/other reports to pass in a product key.

1. **Top 3 Best-selling products under each category in USA**

This report needs to show breakdowns by categories in a proper chart. Below this chart, use a container to demonstrate the Top 3 best-selling products **under each category**.

The necessary info for this table is Catogery/Productname/Net Revenue (Total) for category/ Net Sold (Total) Quantity/.

Each product name in the table should be linking with product detail report.

1. **Top 10 Stores by Net Revenue**

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Presenting the Top Stores(by revenue=salesAmount-Discount-returning) in a proper Chart and a table.

In table, it should at least present store name, country location, revenue and sold quantities. In the table, each store can link to store details report.

Hints: Users can input year(s) and Countr(ies); Please consider the exchange rate(convert to USD).

1. **Store details**

Presenting store information in a card style. Users can input a store ID.

**7. Sales breakdown by fiscal year and Category**

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The row level group will be category/Subcategory.

The column group category will be Fiscal Year/Fiscal Quarter.

Initially, the report only shows sales on Category and Year level. When It breaks down to Sub VS Quarter level, each number can be drilling through and jump to a detail report.

On the details report, it should be showing the necessary info that people may ask in a table.

This task is to finish parent/sub reports.

Input: one single country name.

8. test

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to test your group work and log bugs on this repository. Also communicate with report developer and let him/her aware of the bugs you found.

9.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*Code Review\*\*\*\*\*\*

A reviews B and B Reviews C and so on. Feel free to create review issues on this repo.

Thread name starts as "Your Name review issue Number for Group Number", in the thread, please raise any questions and wait for developers' response.