

Workaround Mondays

Makeover Monday is a weekly social project which is driven by tableau enthusiasts where each week they provide an interesting dataset.

```
(cpu) done / done / prepared found operation 129 227  
(cpu) negative / negative / done / and / operation 2289  
(cpu) done / negative / error /  
(cpu) error / error / restart  
(cpu) done / done / access / complete / operation 122 334  
(cpu) error  
(cpu) negative / analyzing / operation 112 90  
(cpu) preparation complete / code xxx000 xxx0xx0
```



DID YOU KNOW

You can show any change in metric in straight line

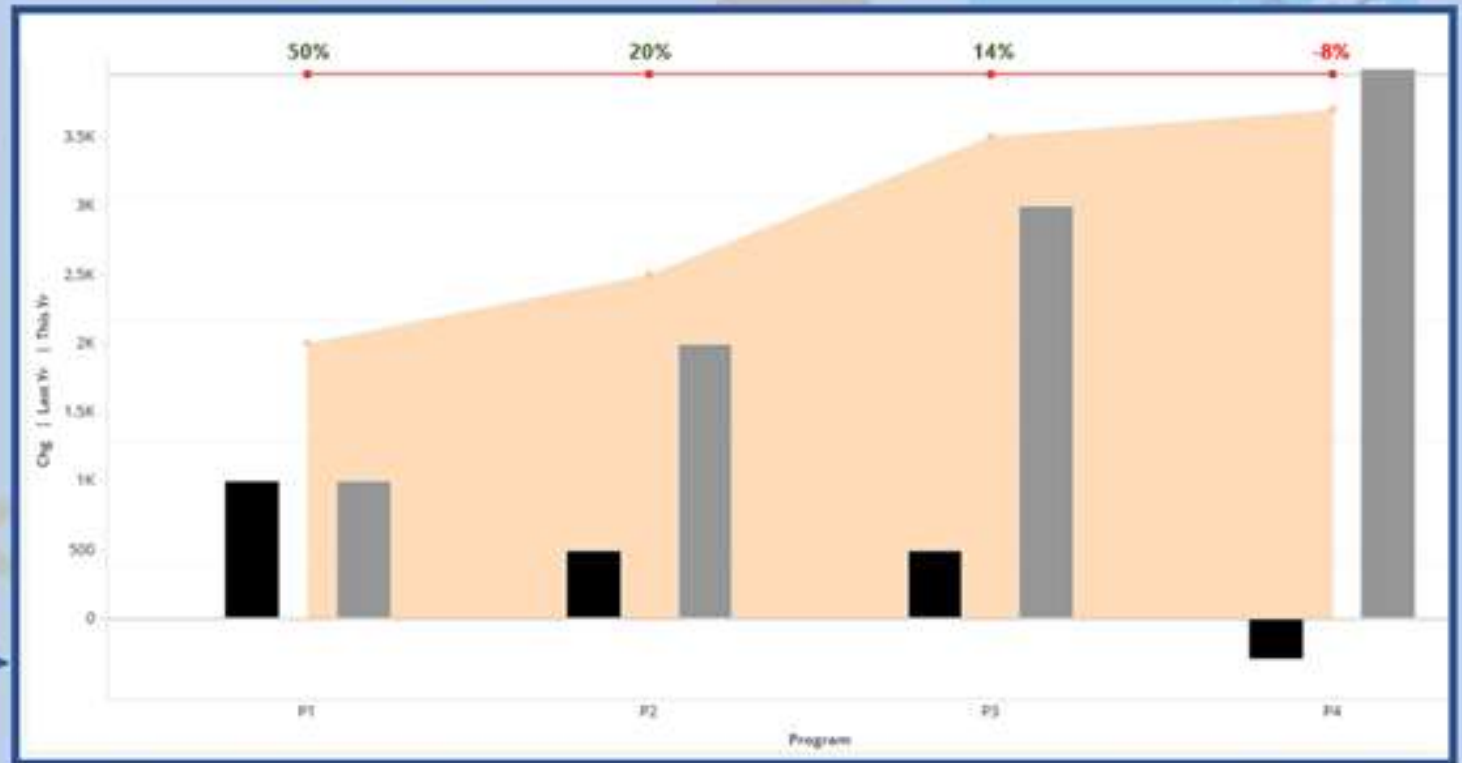
Steps:

Create the chart as required with all metric on left axis

Add the % change metric as line to the graph on right axis

Pull all the metrics to the Break by section absolute

Go to Formatting > Axis Configuration > % change Metric > Axis Scale: Custom > Custom: Min -1B : Max -10M, LogScale: No



DID YOU KNOW

You can make calls directly from the Dashboard

Steps:

Add a text box with text 'Call' on it

In 'Properties and Formatting' of the text box, select **Is Hyperlink** and add phone number to hyperlink as **tel: <+phonenumber>**

Click **OK** to apply the changes.

Run dashboard in Presentation mode and clicking on 'Call' text box takes you to new window to select the app for making the call.

Properties and Formatting

Properties	General
General	Name: Call
Layout	Type: Text Field
Format	Toolbox: []
Color and Lines	<input checked="" type="checkbox"/> Visible
Font	Navigation
Number	<input checked="" type="checkbox"/> Is hyperlink
Alignment	Hyperlink: tel: +1234567890
Effects	<input checked="" type="checkbox"/> Open in new window
Theme	Information Windows
	Panel Stack: [none]
	Mobile
	<input type="checkbox"/> Set application badge to value of this field
	Copy (iOS only)
	<input type="checkbox"/> Disable copy for this text
	<input type="checkbox"/> Enable copy for this text
	<input checked="" type="checkbox"/> Use the document link behavior

Open Pick an app?

Always open these types of links in the associated app

Open Pick an app Cancel

How do you want to open this?

- Google Chrome
- People
- Skype
- Zoom Meetings
- Look for an app in the Store

Always use this app

OK



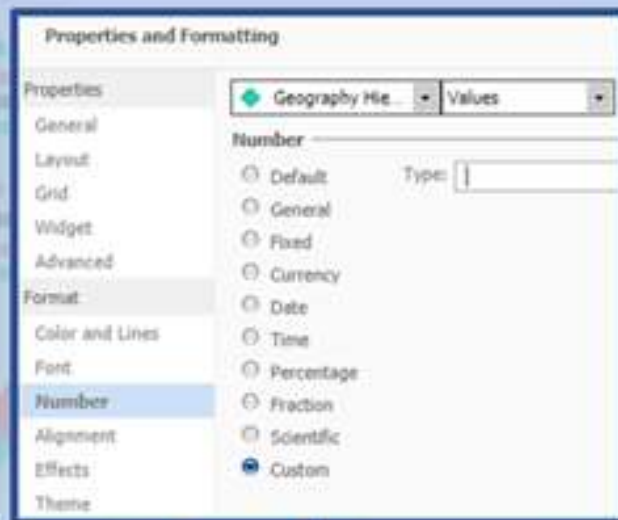
You can display only required category labels on graph axes

Steps:

Change the Graph to Grid view.

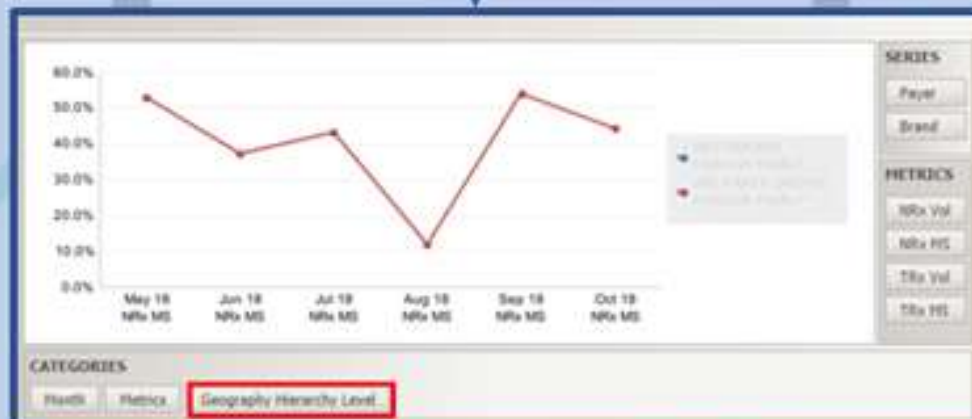
Enable the attribute forms of the attribute, you want to hide the labels of

Any Form with '**Number**' datatype works.



Go to 'Properties & Formatting' > Number Format > Custom > Add 'space' in the box

Click **Ok** to apply the changes.

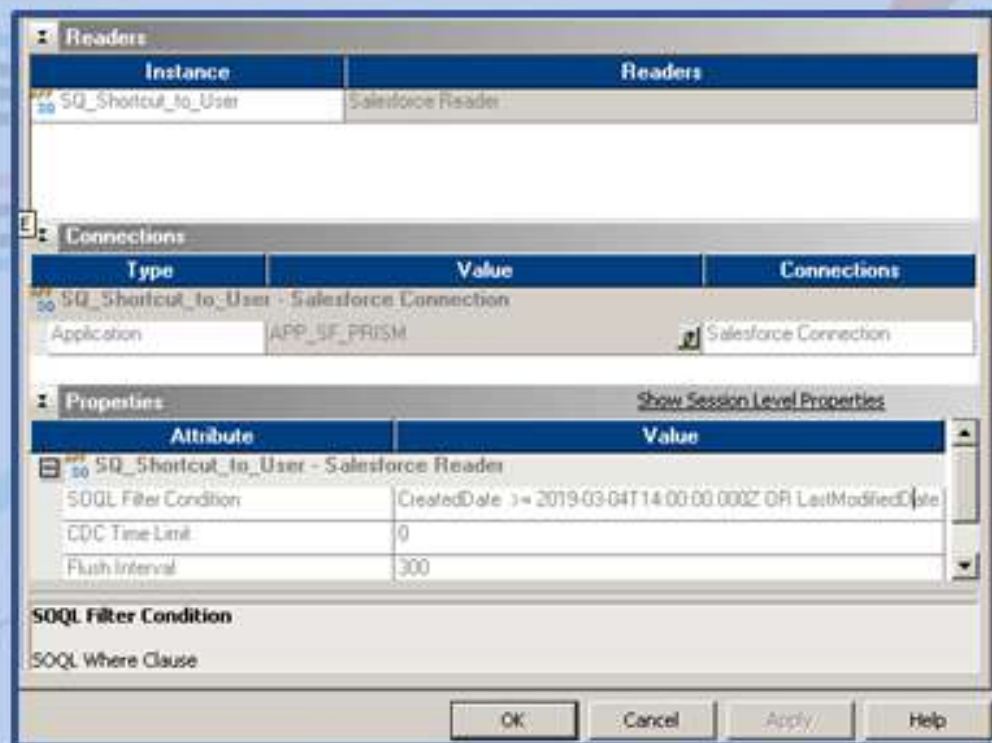


'**Geography Hierarchy Level**' attribute is present but labels are not displayed on the graph.



In Informatica we can implement Source Qualifier Filter Condition and Override SQL query for Salesforce as a Source

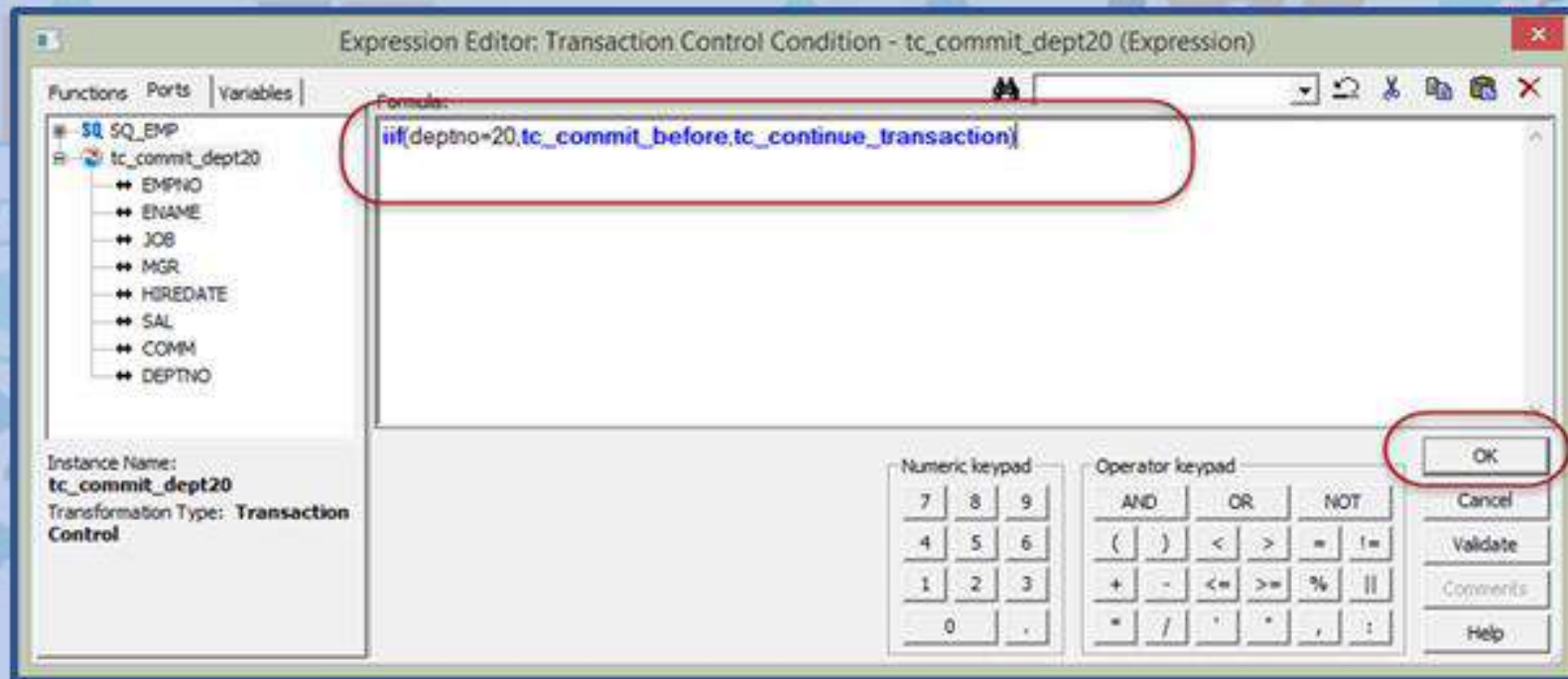
For E.g. We can use SOQL Filter Condition session properties.



DID YOU KNOW

You can use **Transaction Control Transformation** to commit data to target using conditions, useful for processing high volume of data.

For E.g. Committing data to the target when dept no = 20 condition is found true.



**DID YOU
KNOW**

You can generate **Dynamic Target** file name in Informatica!

For E.g. Adding timestamp by specifying FileName port on Target Instance.

Transformation: EXP_FILE_NAME
Transformation type: Expression

Port Name	Datatype	Prec	Scale	I	O	V	Expression
1 FileName	string	255	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	'Customer_Master_' TO_CHAR(SYSDATE, 'YYYY-MM-DD') '.csv'
2 CUST_ID	decimal	10	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CUST_ID
3 CUST_NAME	string	14	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CUST_NAME
4 ADDRESS1	string	20	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ADDRESS1
5 ADDRESS2	string	20	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ADDRESS2
6 CITY	string	15	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CITY
7 STATE	string	2	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	STATE
8 ZIP	decimal	5	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ZIP

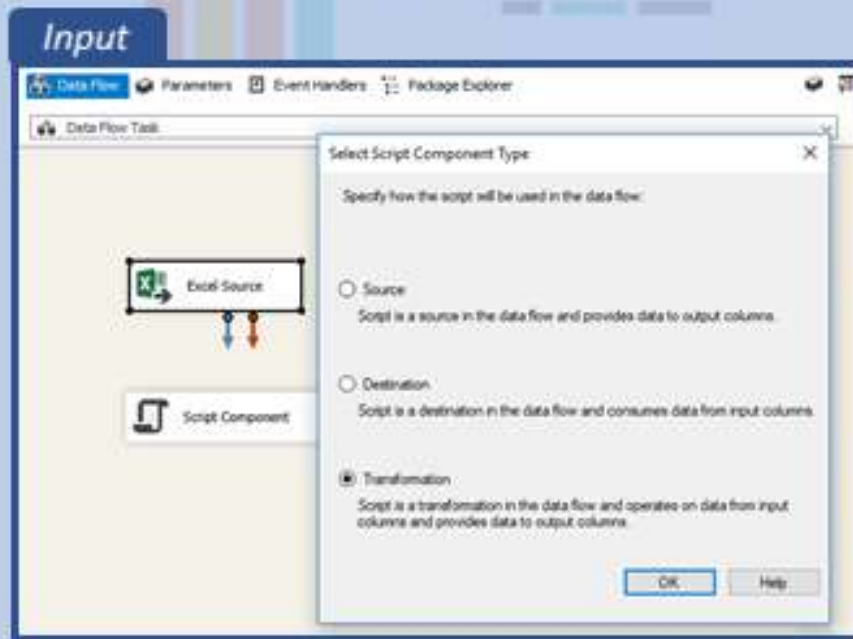
Default value: ERROR(transformation error)
Description:

OK Cancel Apply Help

DID YOU KNOW

You can use **Script component as transformation** in SSIS to modify and analyse data as it passes from source to destination

For E.g. Concatenating first name & Last Name, then converting the First Letter to Uppercase on the fly, then validating the data through script component as transformation then to writing to destination.

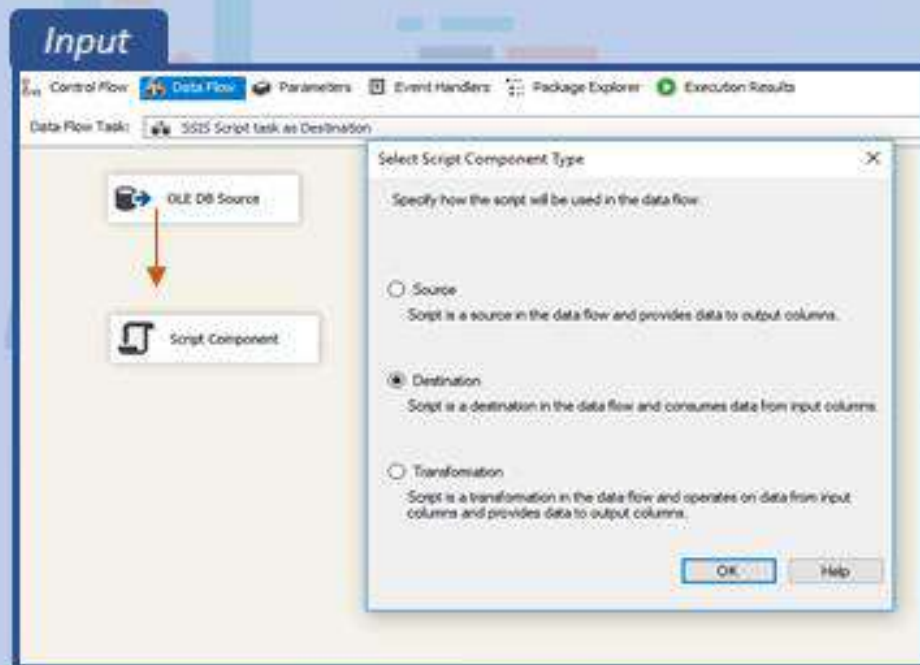


```
Code

public override void Input0_ProcessInputRow(Input0Buffer Row)
{
    string name = Row.firstname + " " + Row.Lastname;
    Row.FullName = FirstLetterUppercase(name);
}
1 reference
private string FirstLetterUppercase(string name)
{
    // Check whether string is empty.
    if (string.IsNullOrEmpty(name))
    {
        return string.Empty;
    }
    // Converting first character to upper case.
    return Char.ToUpper(name[0]) + name.Substring(1);
}
}
```


**DID YOU
KNOW**

You can use **Script component task** as a destination to write data in a custom format such as flat file text format



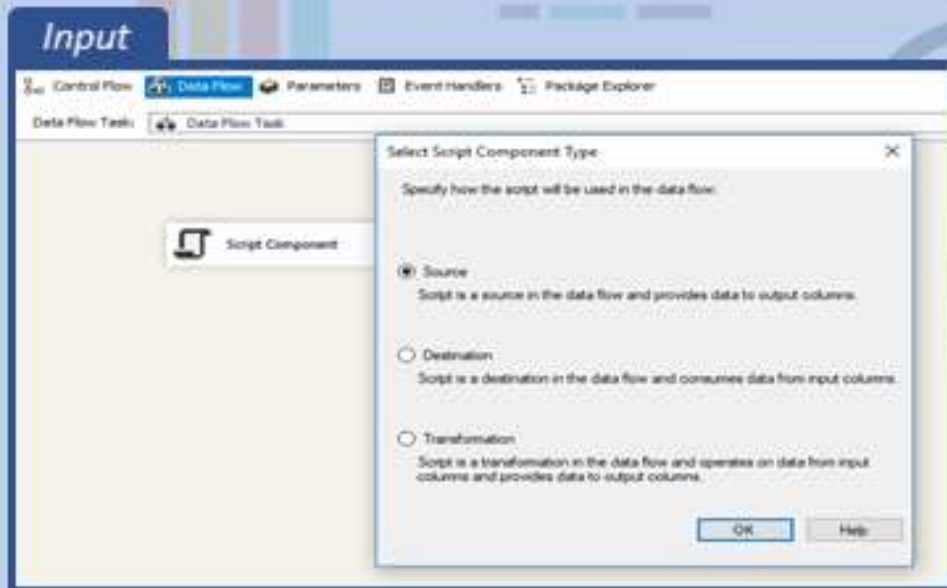
Code

```
public override void PostExecute()  
{  
    base.PostExecute();  
    textWriter.Close();  
}  
2 references  
public override void Input0_ProcessInputRow(Input0Buffer Row)  
{  
    textWriter.Write(Row.CustId);  
    textWriter.Write(columnDelimiter);  
  
    textWriter.Write(Row.Amount);  
    textWriter.Write(columnDelimiter);  
  
    textWriter.Write(Row.CustomerName);  
    textWriter.Write(columnDelimiter);  
  
    Console.WriteLine();  
}
```

DID YOU KNOW

You can use **Script component** as a source to provide data to the data flow task

For E.g. By defining a script component as a source which maps the customer names with the country using a Script component task.



Code

```
public override void CreateNewOutputRows()
{
    string[] CustomerName = new string[] { "Krish", "Chuck", "Mike", "Dan", "Sarena", "Blair",
        "Venessa", "Albina", "Nate", "Joseph" };

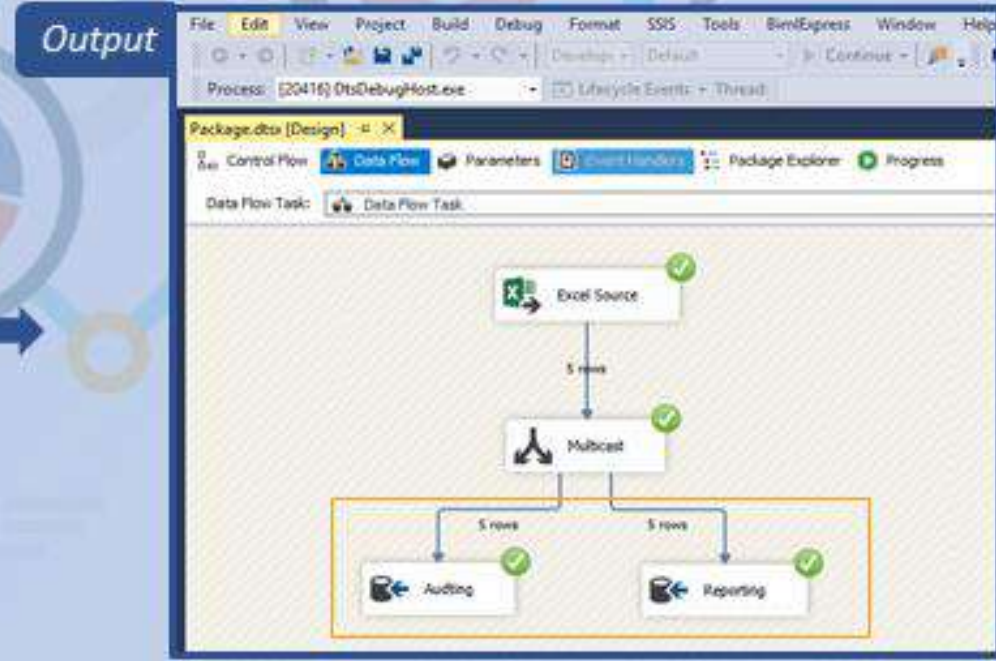
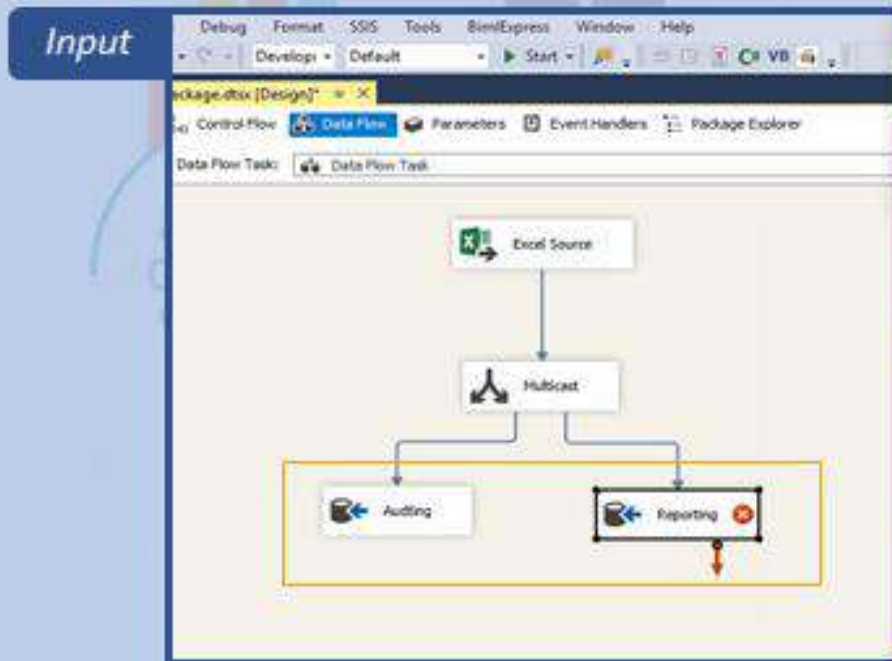
    string[] Country = new string[] { "India", "USA", "China", "japan", "UK", "Canada",
        "Australia", "Russia", "South Africa", "Brazil" };

    for (int i = 0; i < Country.Length; i++)
    {
        MyoutputBuffer.AddRow();
        MyoutputBuffer.ID = i;
        MyoutputBuffer.CustomerName = CustomerName[i];
        MyoutputBuffer.Country = Country[i];
    }
}
```

**DID YOU
KNOW**

You can use **Multicast Transformation** to send input data to multiple destinations

For E.g. Writing the same set of data into two different tables, one for reporting and other for auditing
(without applying any transformations)



Some interesting facts about SSIS

- Data Flow for inserting the rows (✓); For deleting and updating (✗)
- Control Design time validation using "Work Offline" option.
- Package Configurations are helpful to support multiple environments.
- Develop package using "32-Bit Runtime" to make ETL backward compatible
- Alternate error handler = Script component

DID YOU KNOW

You can call email pop-up in MicroStrategy

Code:

```
mailto:exampleuser@nicesoftware.com&cc=exampleuser@nicesoftware.com&subject=Email Pop Up&Body=Hello Everyone%0D%0ANice Software Solutions welcomes you
```

Properties and Formatting

General

Name: Send Mail

Type: Text Field

Toolbar:

Visible:

Navigation

Is hyperlink:

Hyperlink: mailto:exampleuser@nicesoftware.com&cc=exam Add code as Hyperlink to text box

Open in new window:

Information Windows

Panel Stack: none

Mobile

Set application badge to value of this field:

Copy (iOS only)

Disable copy for this text:

Enable copy for this text:

Use the document-level behavior:

Mail

Email Pop Up - Message (HTML)

File Message Insert Options Format Text Review Help Tell me wh

Calibri 11 A⁺ A⁻

Attach File - Attach Item - Signature -

Clipboard Basic Text Names Include

The following recipient is outside your organization: exampleuser@nicesoftware.com

To... exampleuser@nicesoftware.com

Cc... exampleuser@nicesoftware.com

Send Subject Email Pop Up

Hello Everyone
Nice Software Solutions welcomes you

DID YOU KNOW

You can display different landing pages for different user groups!

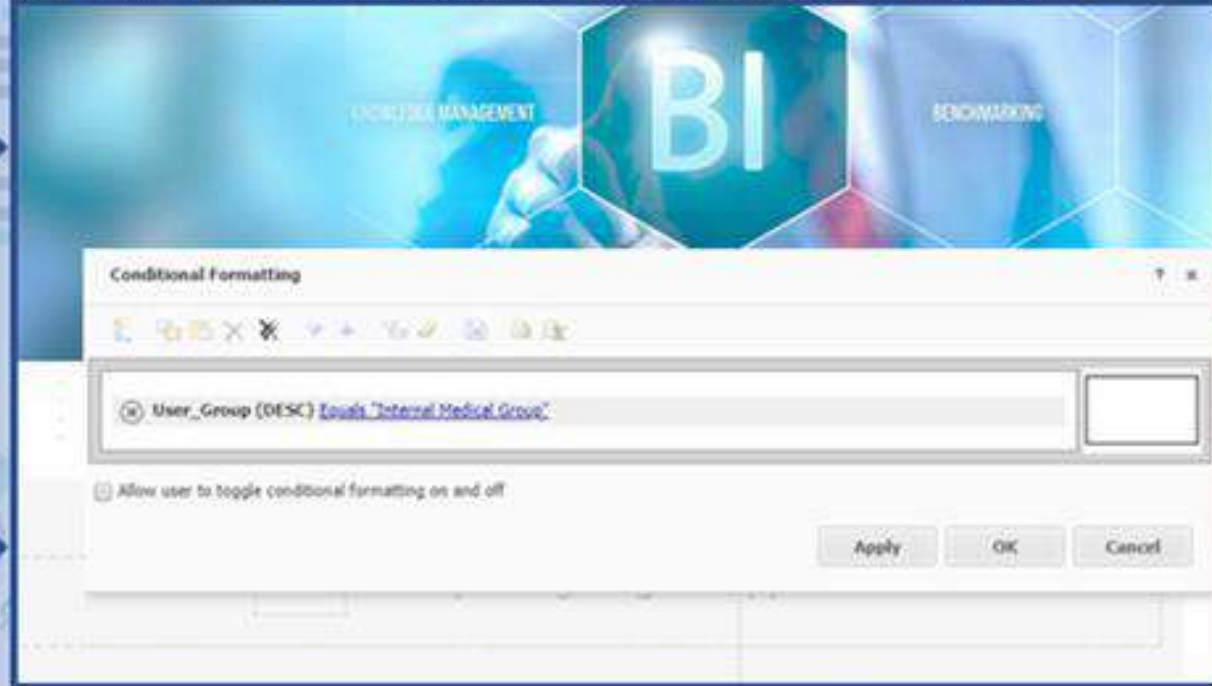
Landing page 1 in Section A



Landing page 2 in Section B



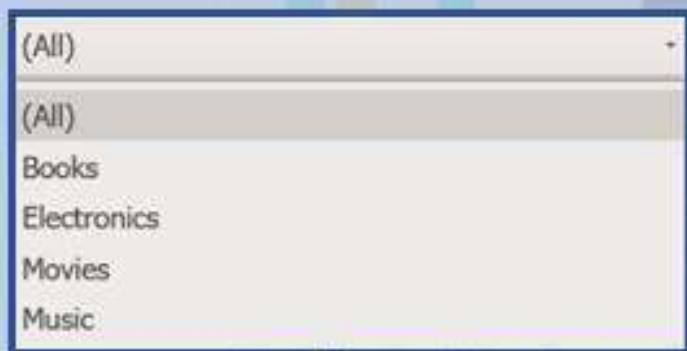
Conditional formatting on landing pages based on user groups



Upon applying the conditional formatting, different users would be able to see different landing pages, based on user groups.

DID YOU KNOW

How simple is to enable multi-select in drop-down selector!

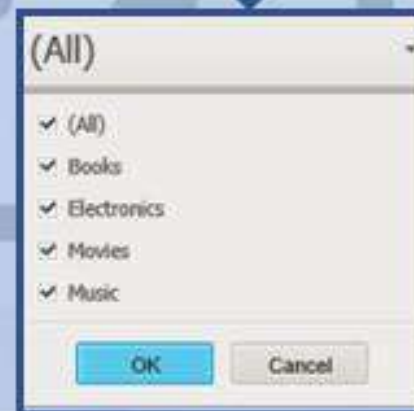


In Checkbox selector, tick multi-select option, now change the Checkbox Selector to Drop-down selector

Change the theme from 'None' to 'Light'. Click Apply

Then change it back to 'None' again, and click 'Apply', and 'OK' to save the change.

In Drop-down selector, 'Properties and Formatting', navigate to Theme tag.



THANK YOU



Securing your future with quality data and analysing with precision.



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