Getting Started with QlikView Objects Gauge, Text Objects and Images

Description:

BISP is committed to provide BEST learning material to the beginners and advance learners. In the same series, we have prepared a complete end-to end Hands-on Beginner's Guide for Qlikview Report, Dashboard and Data Models. The document focuses on Gauge, Pivot Tables and Radar Chart. Join our professional training program and learn from experts.

History:

Version	Description Change	Author	Publish Date
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Table of Contents

Table of Contents.....2

Text Objects:.....3

.....6

1.Enplaned passenger(In millions):.....8

2.Revenue passenger per mile(In millions) :.....9

3.Available seats (In millions):.....11

4.Departure perform(In thousand):.....12

Display Image using text object:.....14

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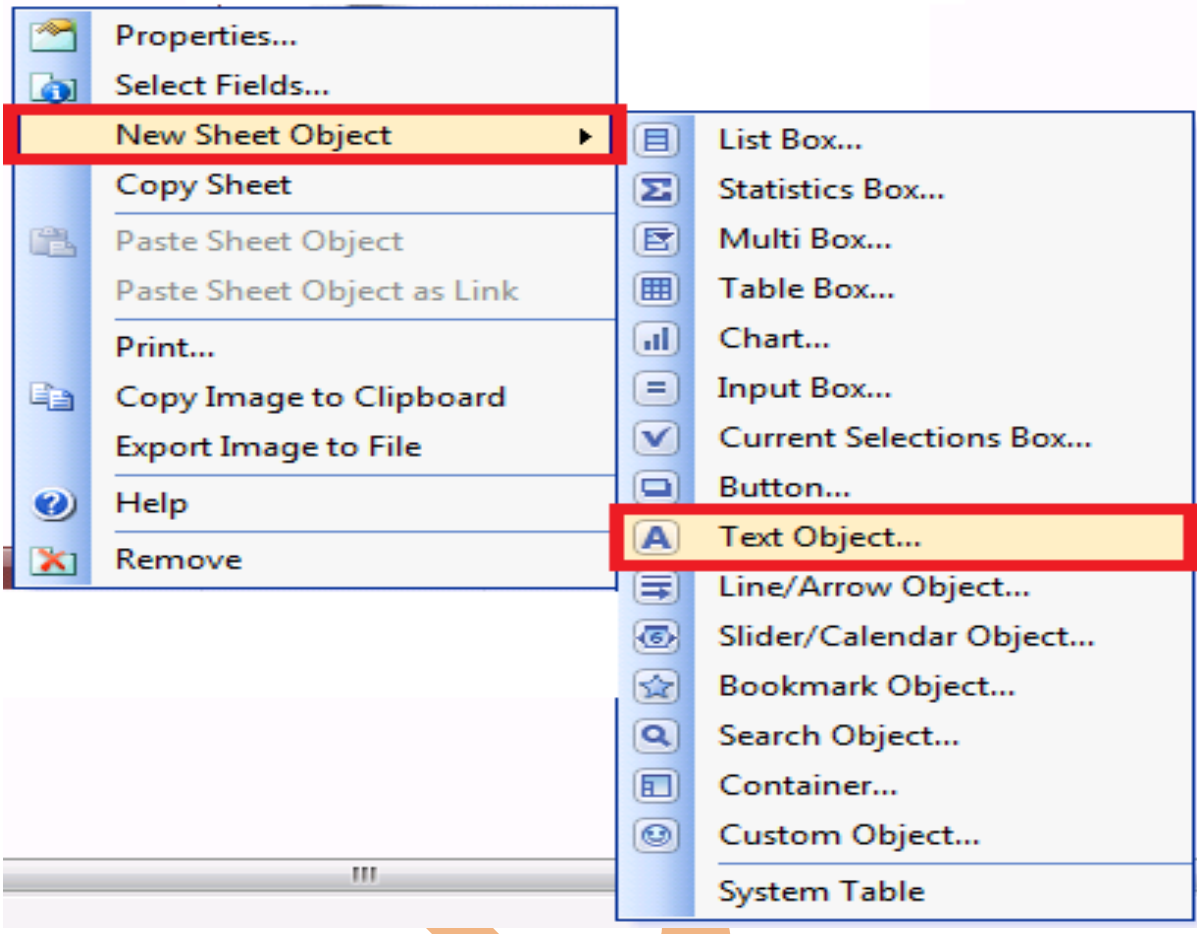
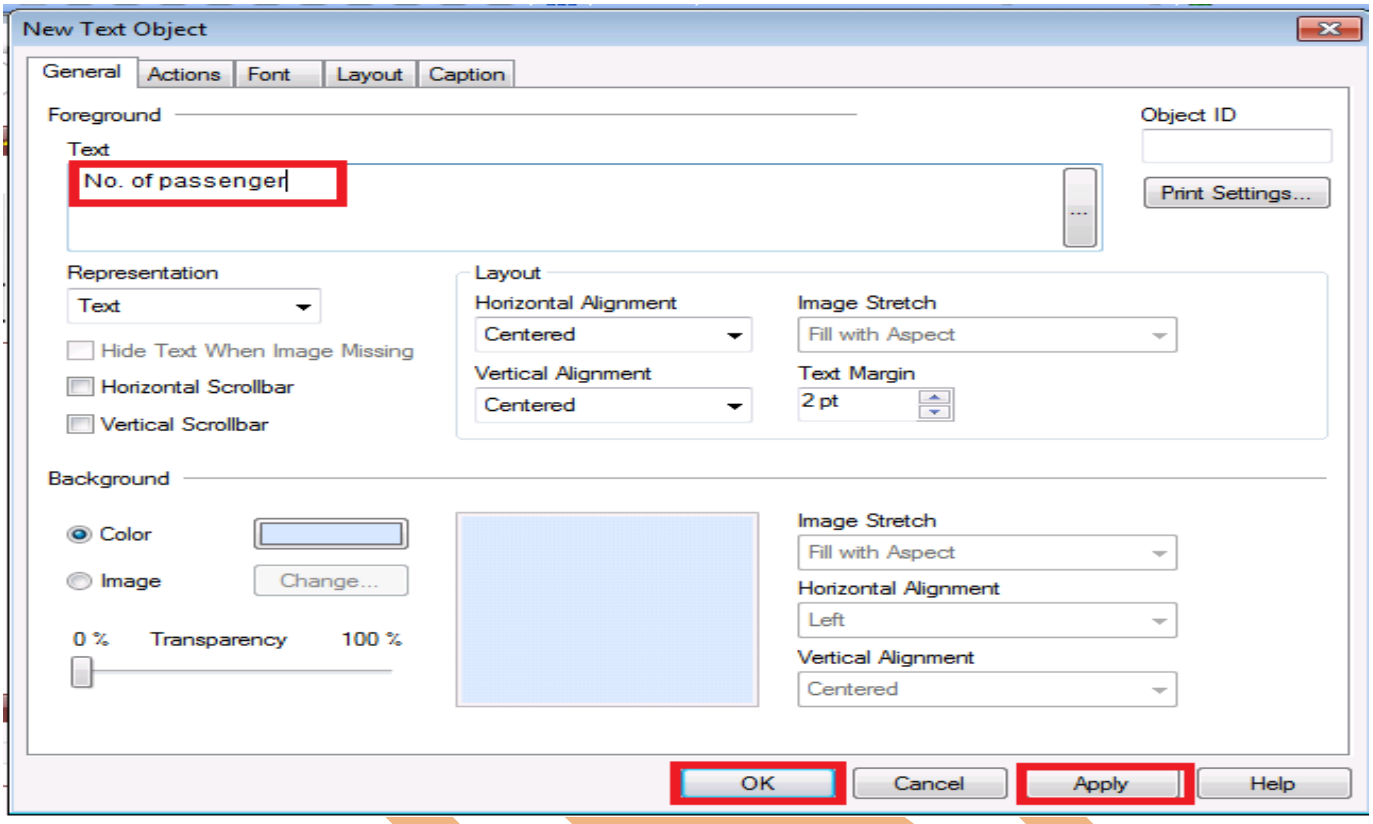
Text Objects:

Text objects are used for adding information to a QlikView document. They can be used to show text information or an image in the layout. They can be moved and positioned anywhere on a sheet, just like any other sheet object. Text objects can also be used effectively for displaying the results of calculations, and to create backgrounds. Think of a Text object as a blank object for content. You can use it to create an introduction page for your QlikView application, or simply to display the data model that supports your analysis. Text objects can also be used for pictures and can also contain calculations. We can insert text or Image by browsing the location where your images are saved.

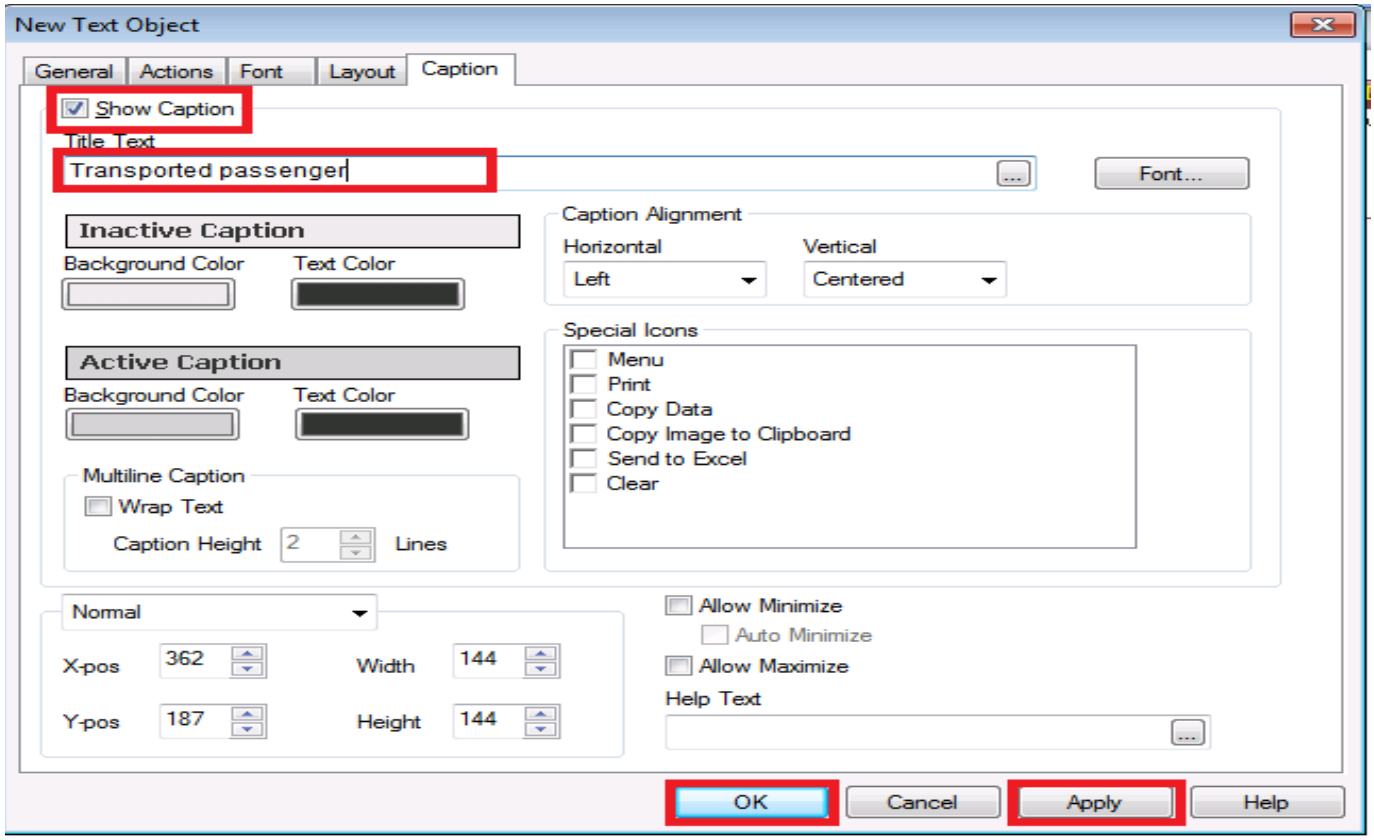


For implement text objects right click on the sheet->New Sheet Objects ->Text Object

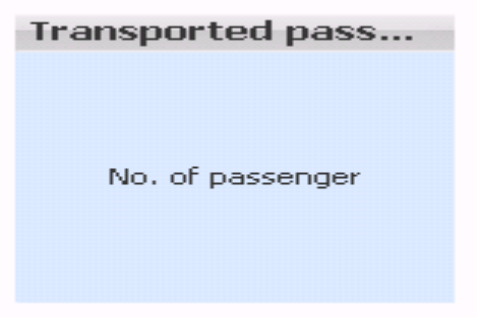
This will create the text object, now go to the general tab and enter the title from which you want to create your text object. We can give the text or can give the expression to display in the text object. ->ok ->Apply



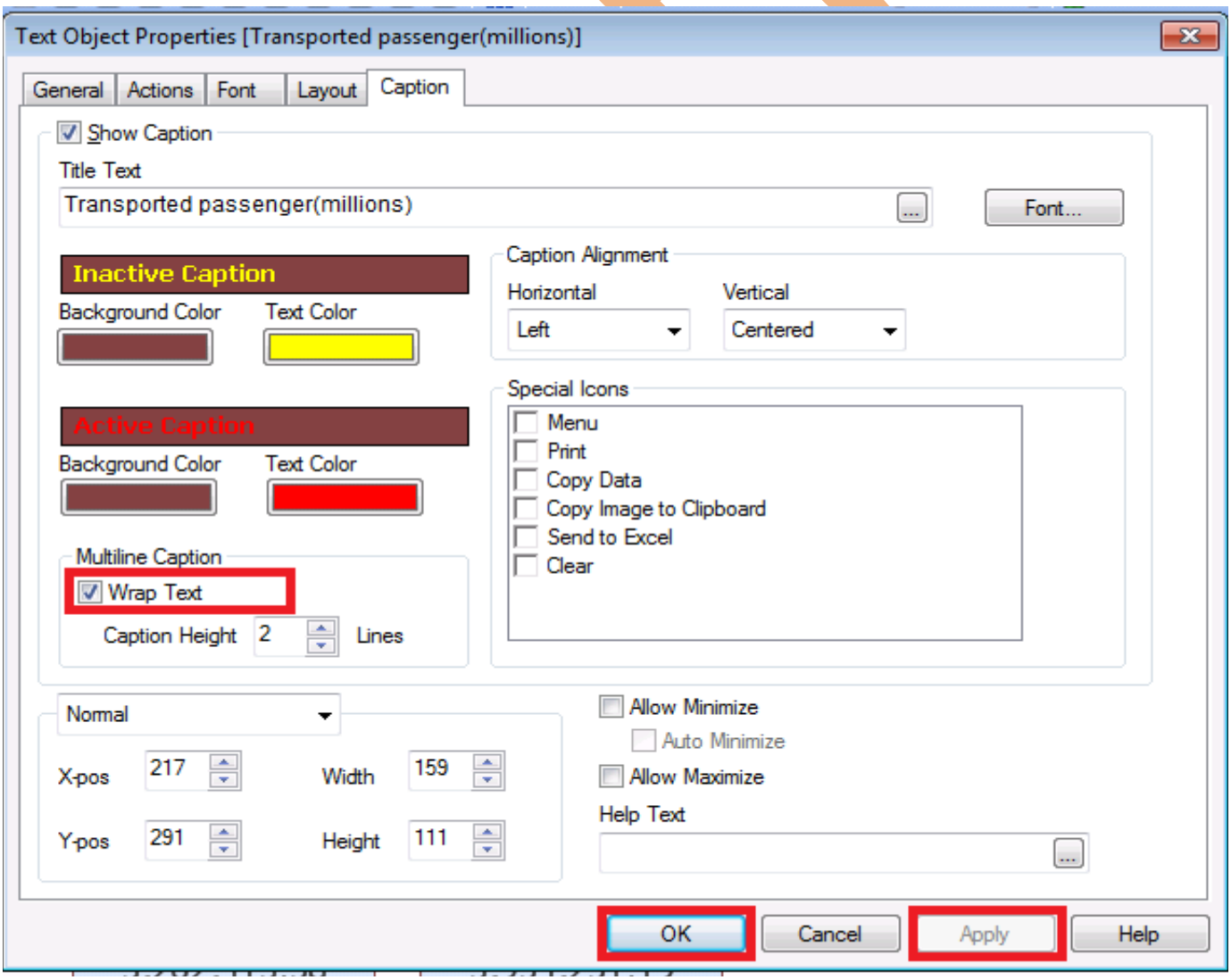
Navigate to the caption tab and give the title “Transported passengers” with it the text object will created.


New Text Object
General
Actions
Font
Layout
Caption
Show Caption
Title Text
Transported passenger
Font...
Inactive Caption
Background Color
Text Color
Active Caption
Background Color
Text Color
Caption Alignment
Horizontal
Left
Vertical
Centered
Special Icons
Menu
Print
Copy Data
Copy Image to Clipboard
Send to Excel
Clear
Multiline Caption
Wrap Text
Caption Height
2
Lines
Normal
X-pos
362
Width
144
Y-pos
187
Height
144
Allow Minimize
Auto Minimize
Allow Maximize
Help Text
OK
Cancel
Apply
Help

The text object created is shown below.



Look here the caption is not clear or not displayed properly so we will go through the caption tab and check the option ‘wrap text’, this will spread the text through all the text object.

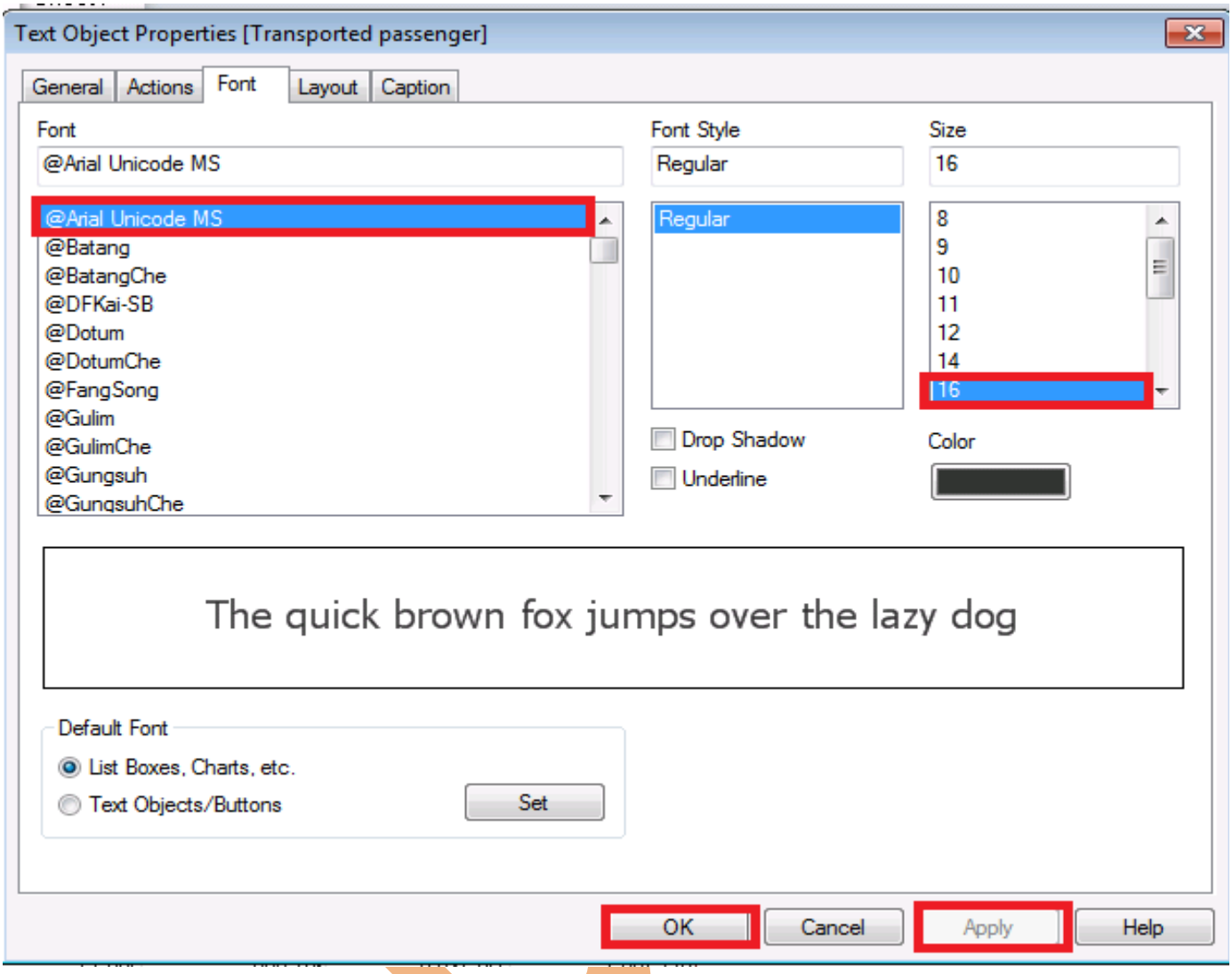


Then ->Apply then->ok

Now the text object's caption is wrapped into 2 lines as shown below.

Transported passenger(millions)

We can change the text style of the text object in the Font tab -> Apply -> Ok.



Now we will see how to achieve our below kpi's by using the text object.

1.Enplaned passenger(In million)

2.Revenue passenger per mile(In million)

3.Available seats (In million)

4.Departure perform(In thousand)

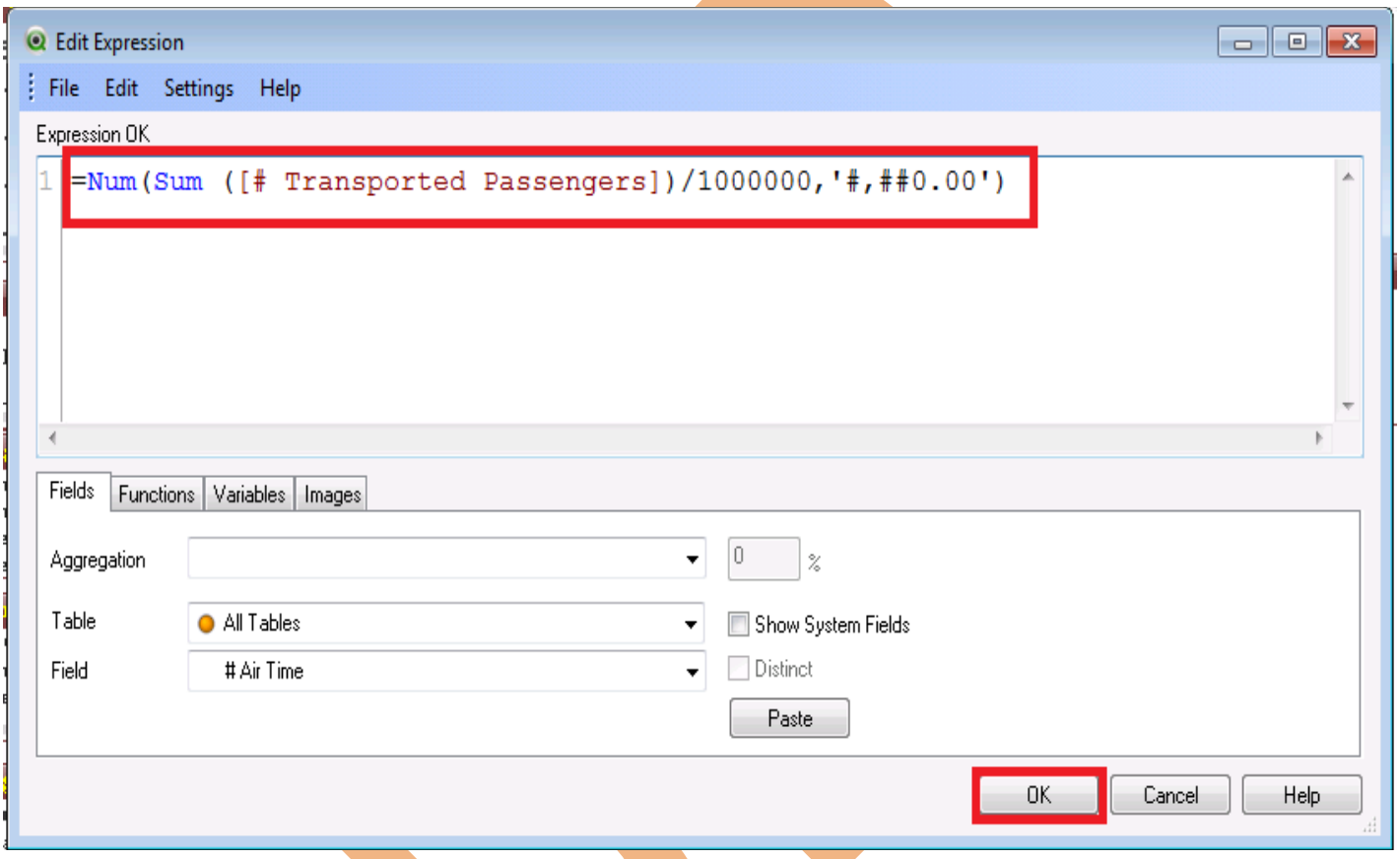
1.Enplaned passenger(In millions):

As we can say transported passenger or the enplaned passengers, we have to calculate this because we have to find out the total no of passengers travelled so far across all years.

Now we will go through the text object and go to the general tab then add expression here.

For implement text objects right click on the sheet->New Sheet Objects ->Text Object

Here the expression to be written is '=Num(Sum([#Transported Passengers]*Distance)/1000000)'

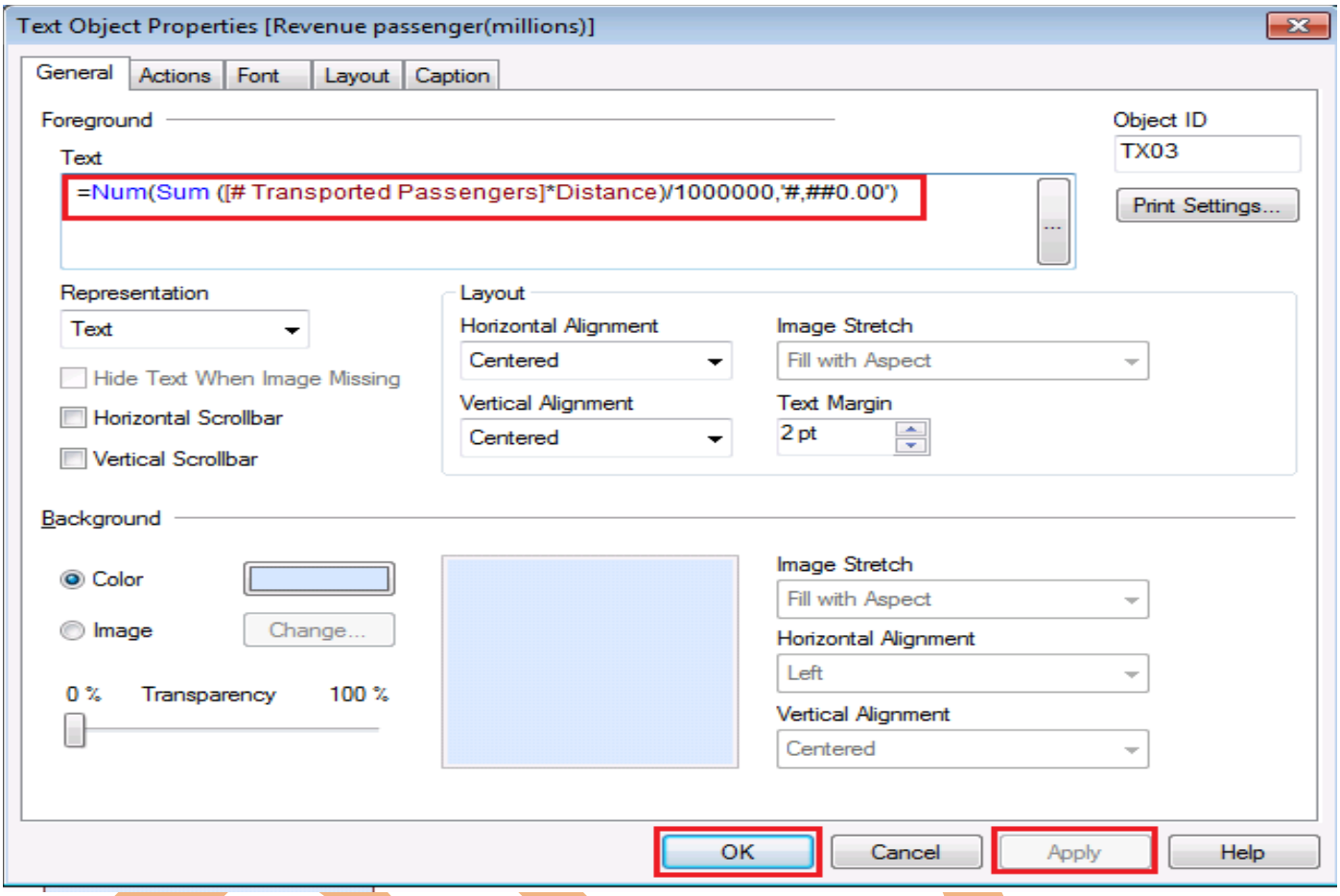


The expression we used was prefixed with an = (equal to) sign. This is to tell QlikView to treat the entered text as an expression and evaluate it accordingly, instead of treating it as a static text.

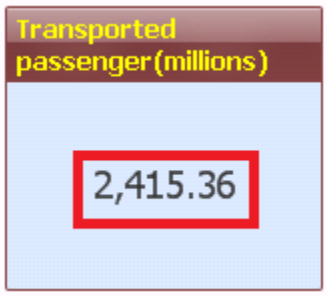
The Text object does not have the Number properties tab which is often seen on other objects, that is why we used the Num() function to properly format the expression output.

Here we have taken the field as no of transported passenger and divide by 1000000 because we wants the result in millions and here we have given the format on which we wants to display our result.

Now here in the text object the expression starts displaying numeric instead of text.



Now the text object is created.....



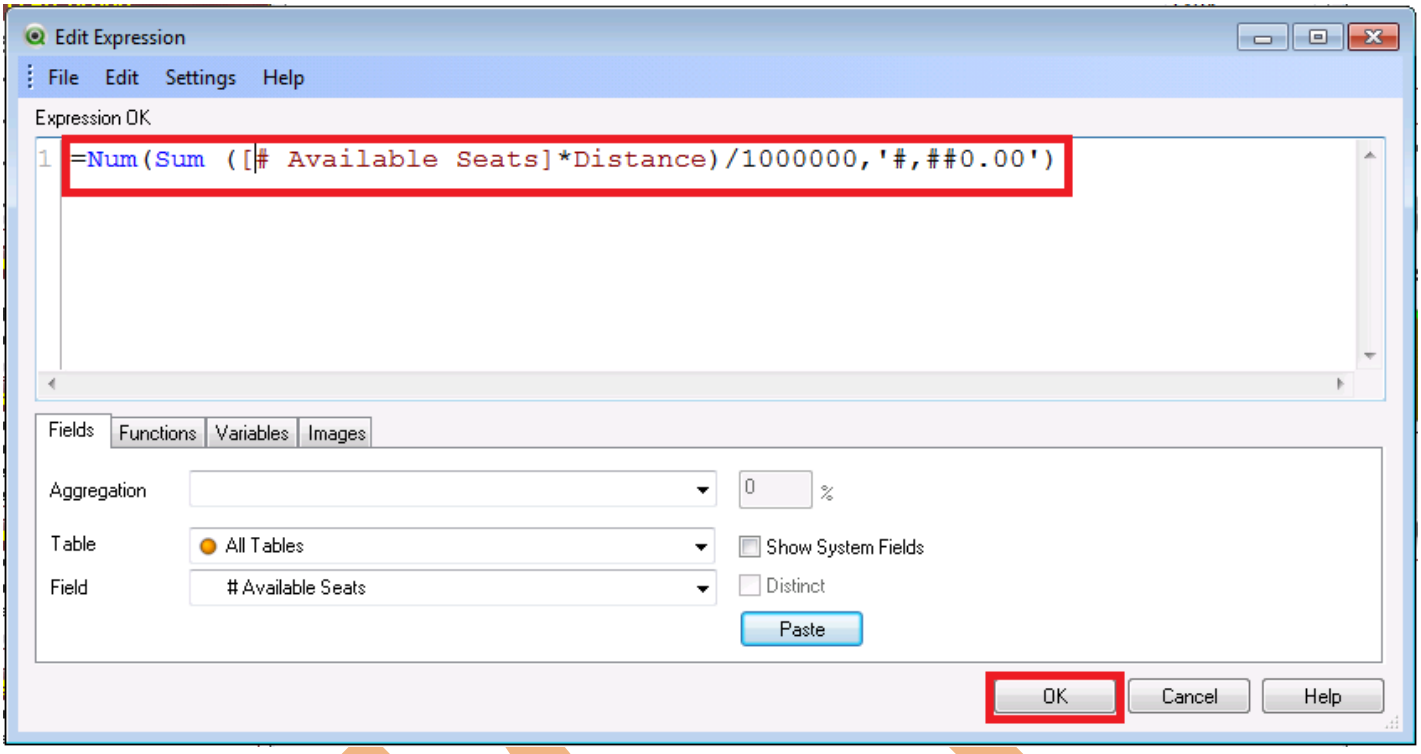
Here the value denotes the sum of transported passengers.....

2.Revenue passenger per mile(In millions) :

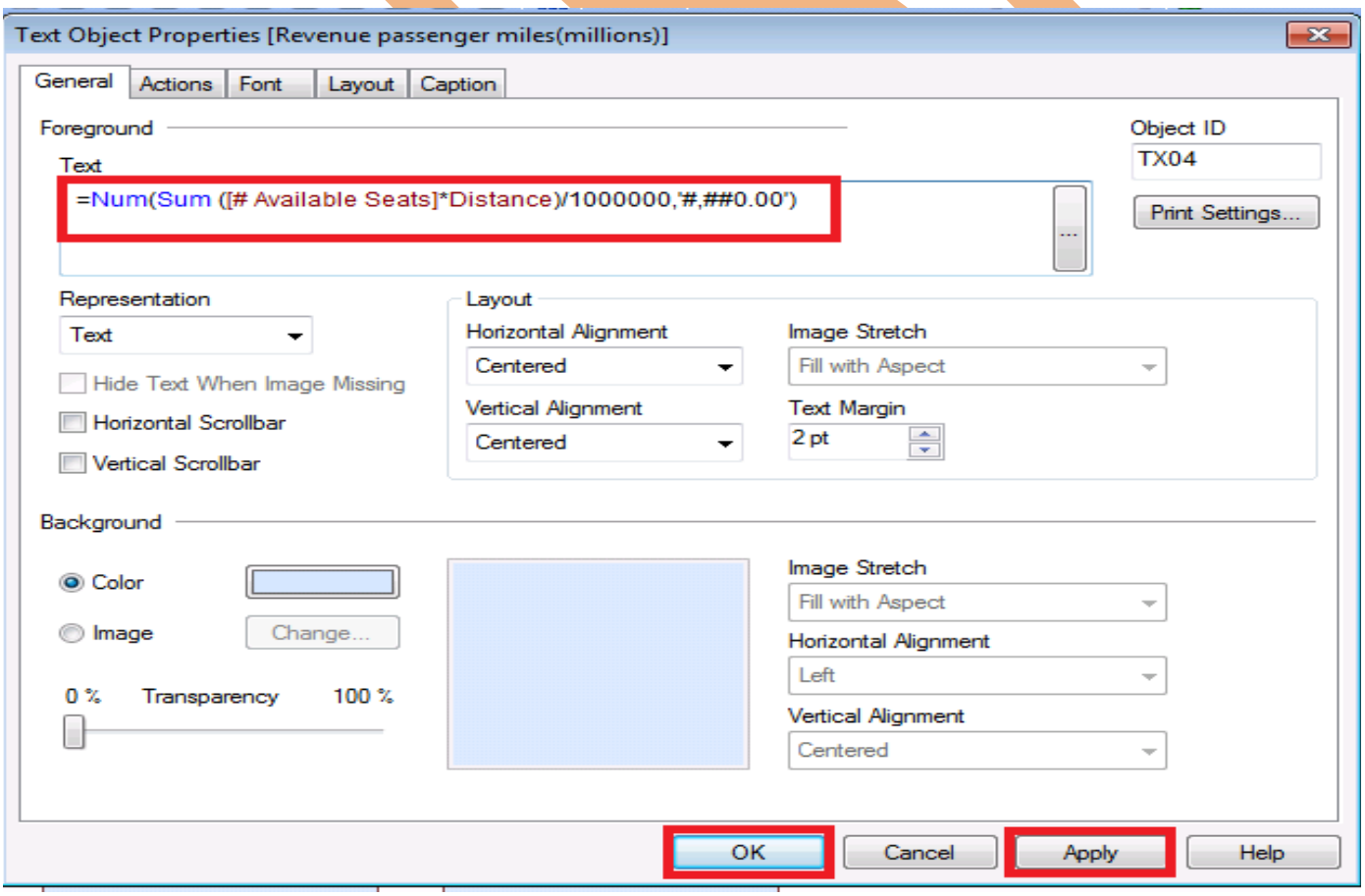
Revenue passenger means the number of miles that passengers were transported. This will calculated by multiplying by distance and we want the result in miles so we will divide it by 1000000 and give its format also.....

For implement text objects right click on the sheet->New Sheet Objects ->Text Object

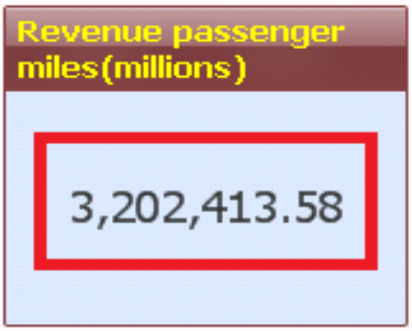
Edit the expression in the expression tab->then ok.



Then ->Apply then->ok

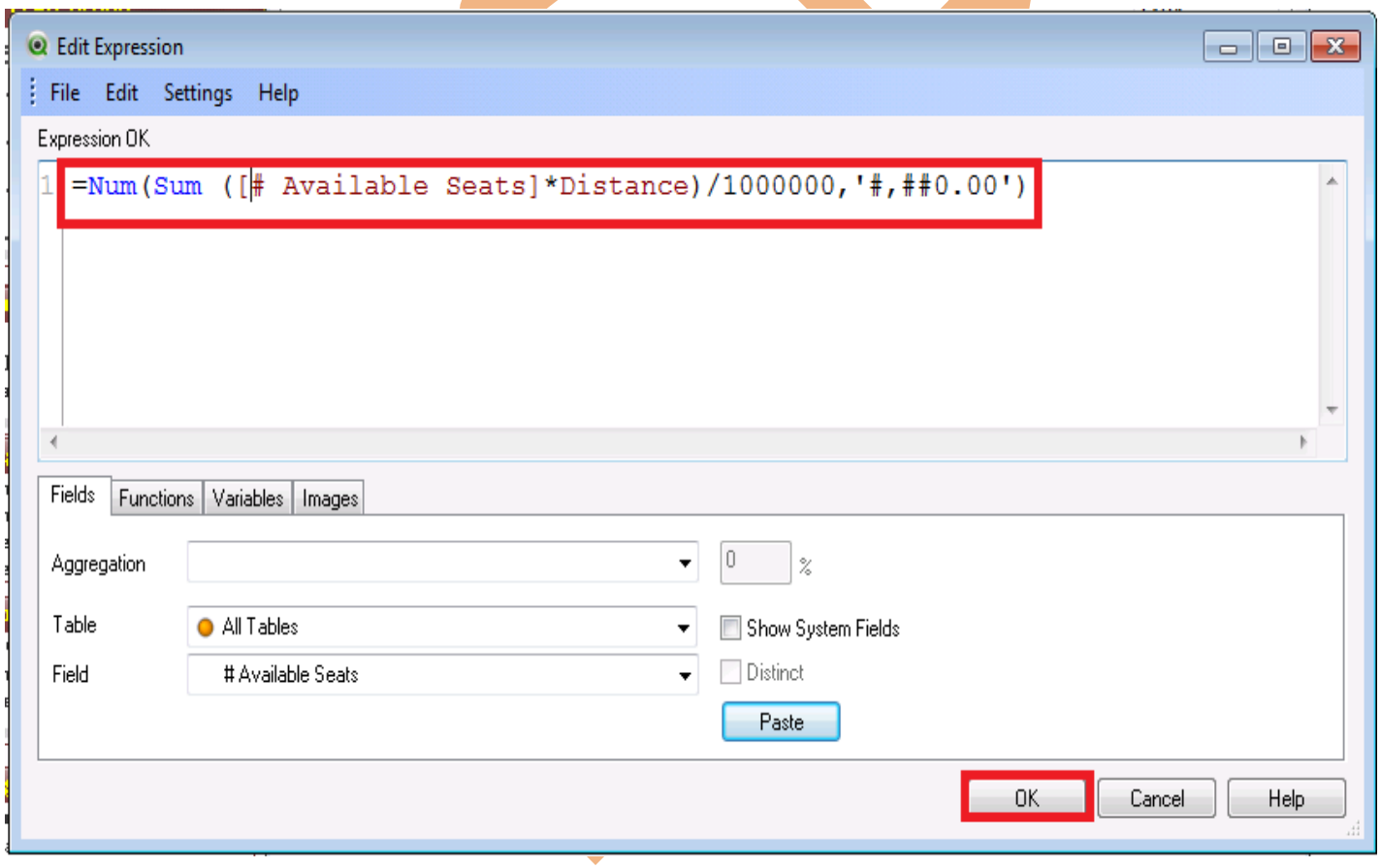


This will create our second kpi.....

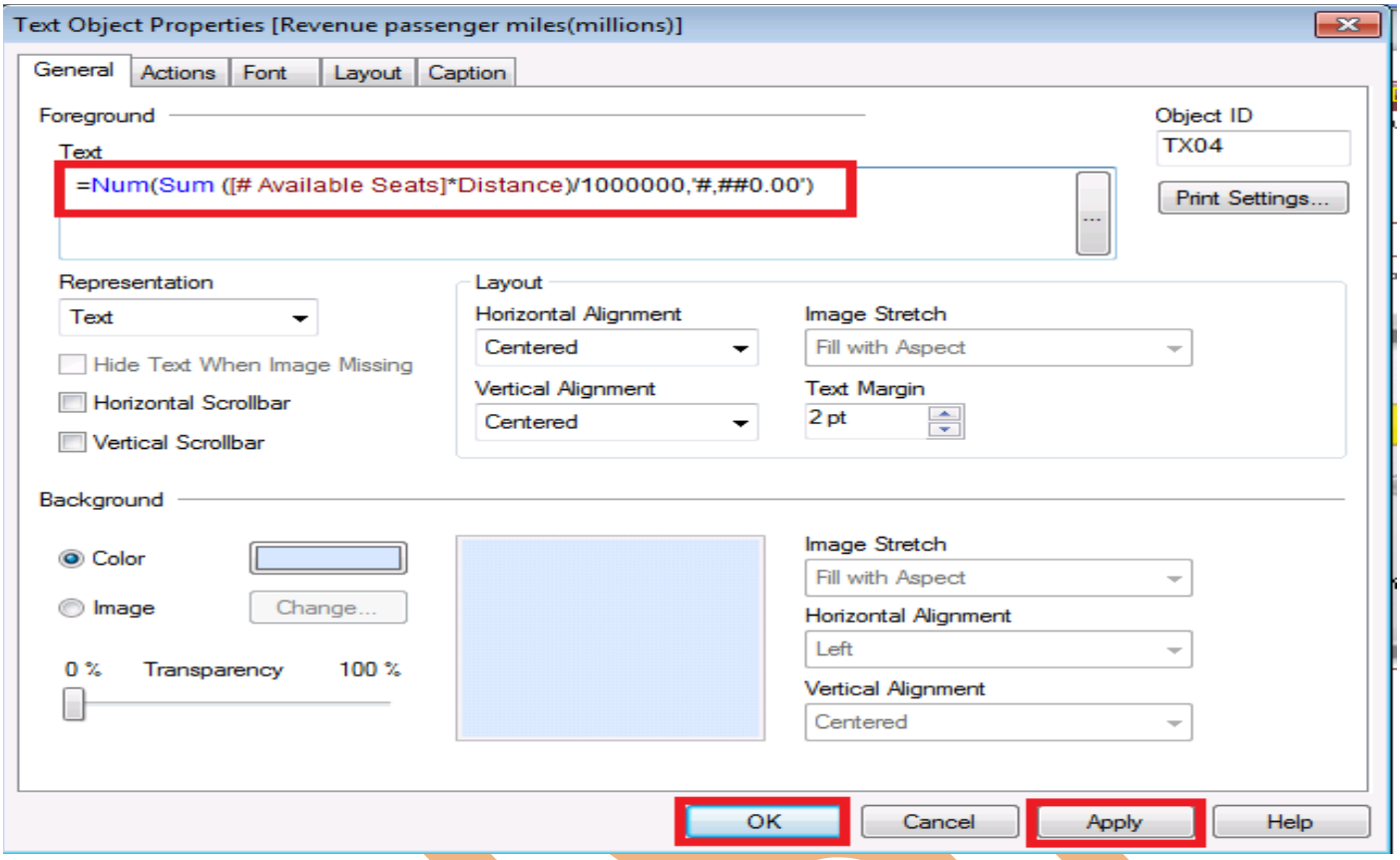


3.Available seats (In millions):

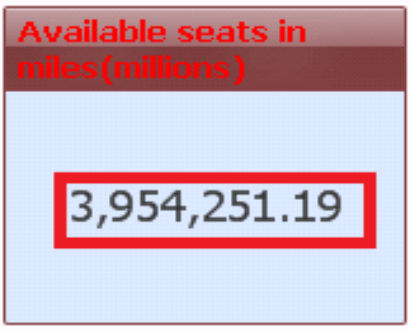
Available seats stands for the total number of miles that paying passengers could have been transported, based on airplane capacity. This kpi is required to identify the no of available seat miles the airline industry has given so far across all years to all the passengers.
For implement text objects right click on the sheet->New Sheet Objects ->Text Object



here we have use the expression =Num(Sum([#Available Seats]*Distance)/1000000) we have multiplied the Available seats into Distance then divide it by 1000000 because we wants to result in millions. then ok
Then ->Apply->ok



Now our third kpi is created which is



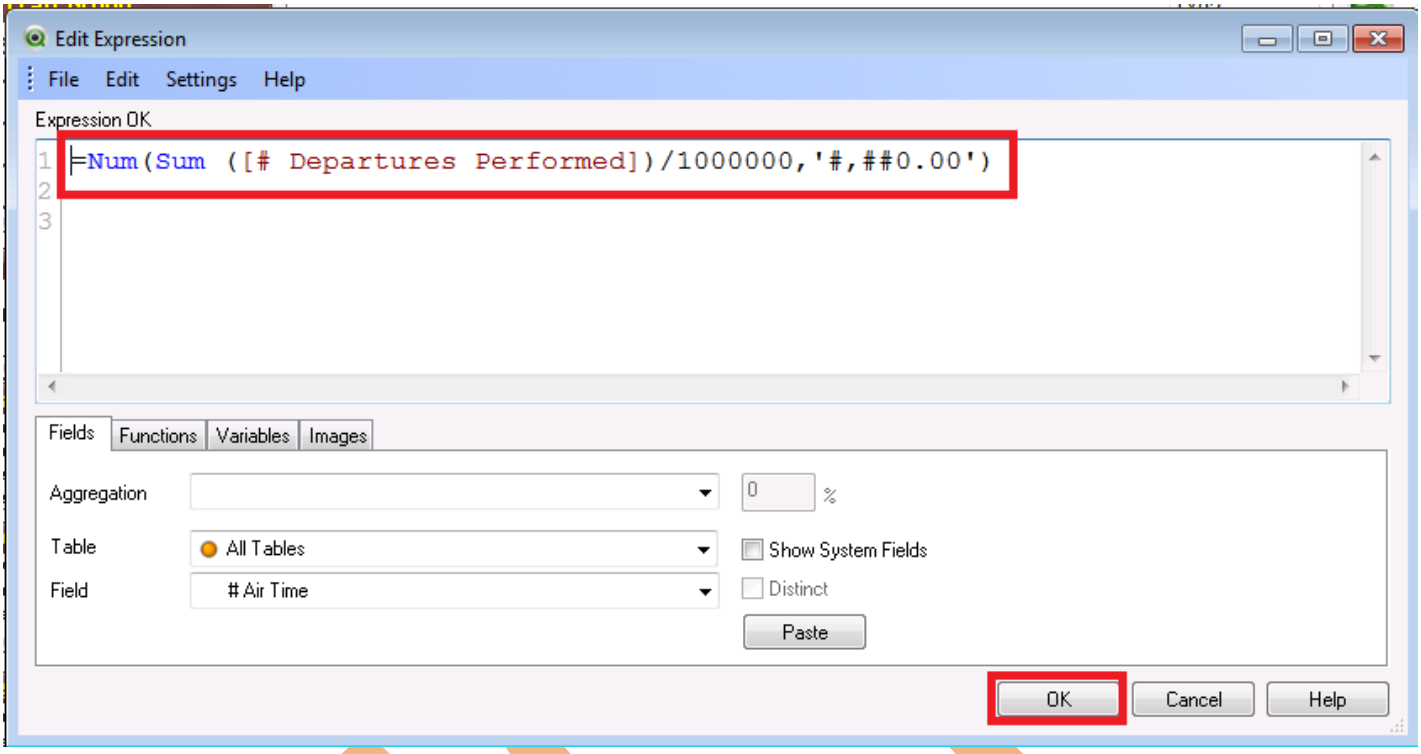
Now moving through our next kpi which is

4.Departure perform(In thousand):

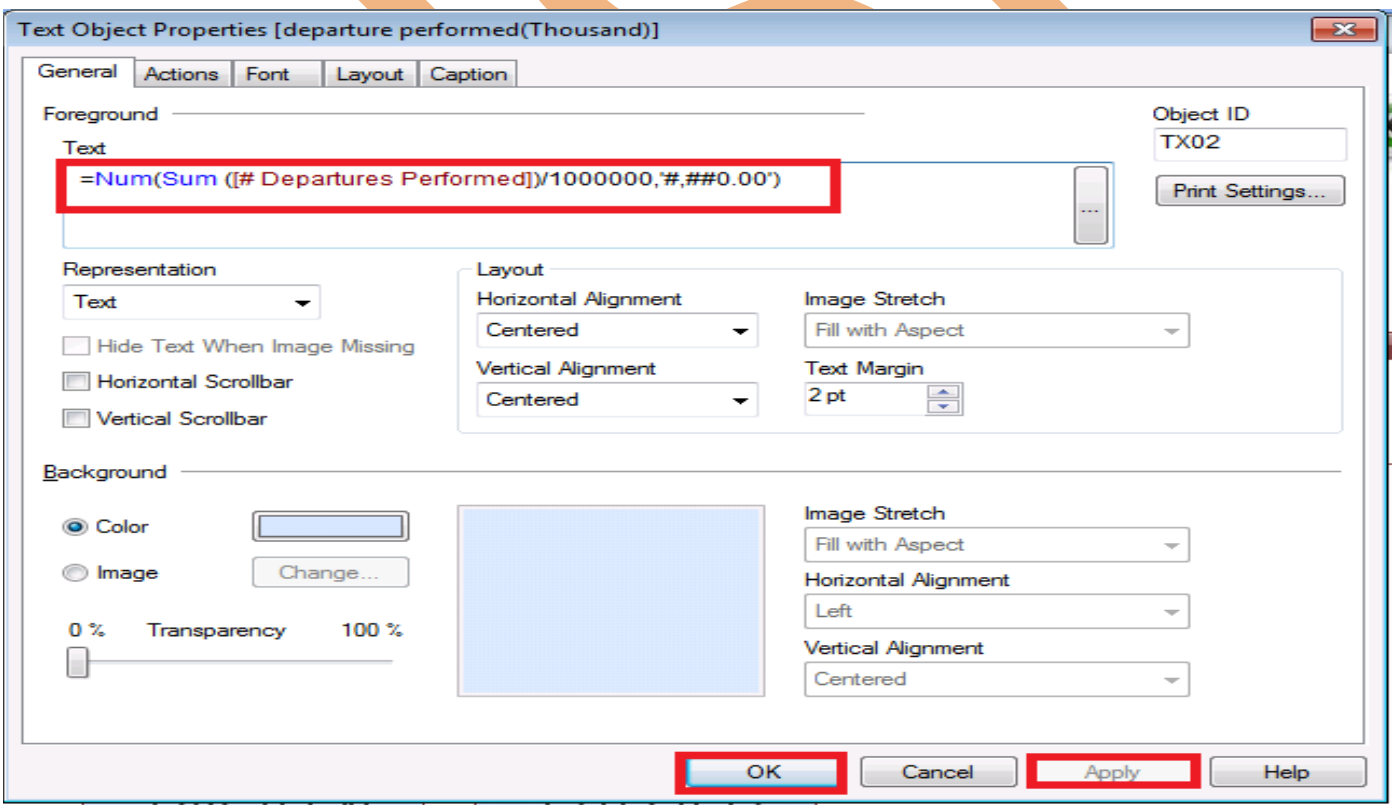
To know all the departures performed w.r.t all the flights or carriers across all years.
For implement text objects right click on the sheet->New Sheet Objects ->Text Object

goto the expression tab here we have edit the expression as =(Num(sum[# Departure performed]))

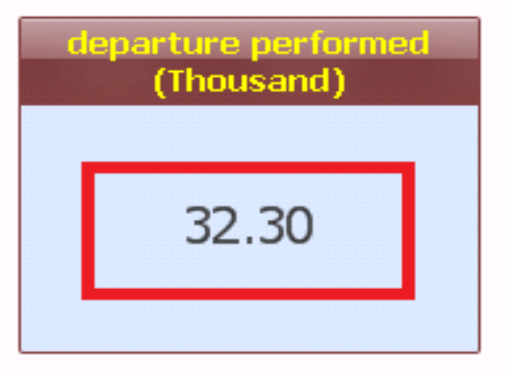
and divide it by thousand this will give the result in millions.Then ->ok



Then Apply then->ok

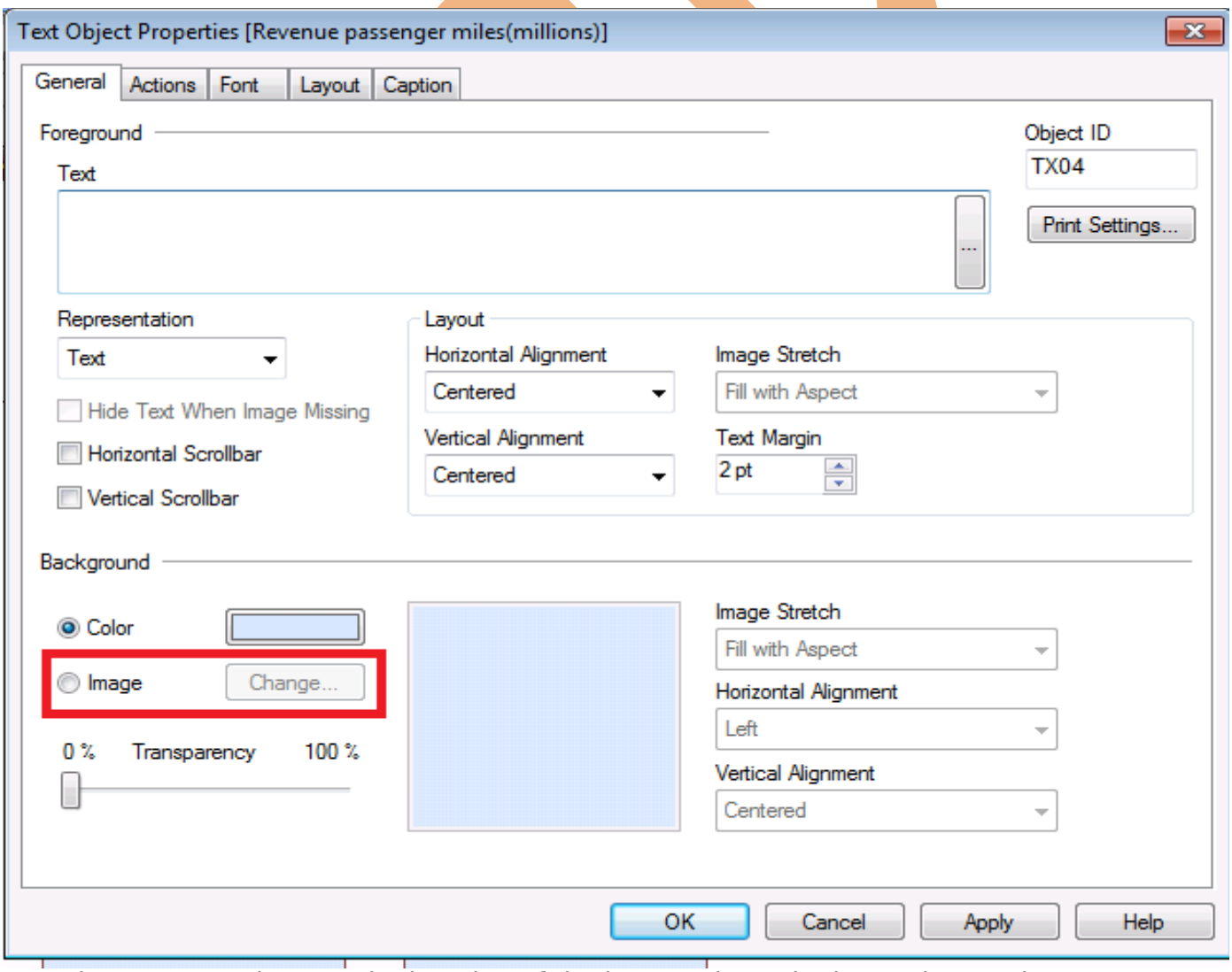


This will create the kpi departure perform

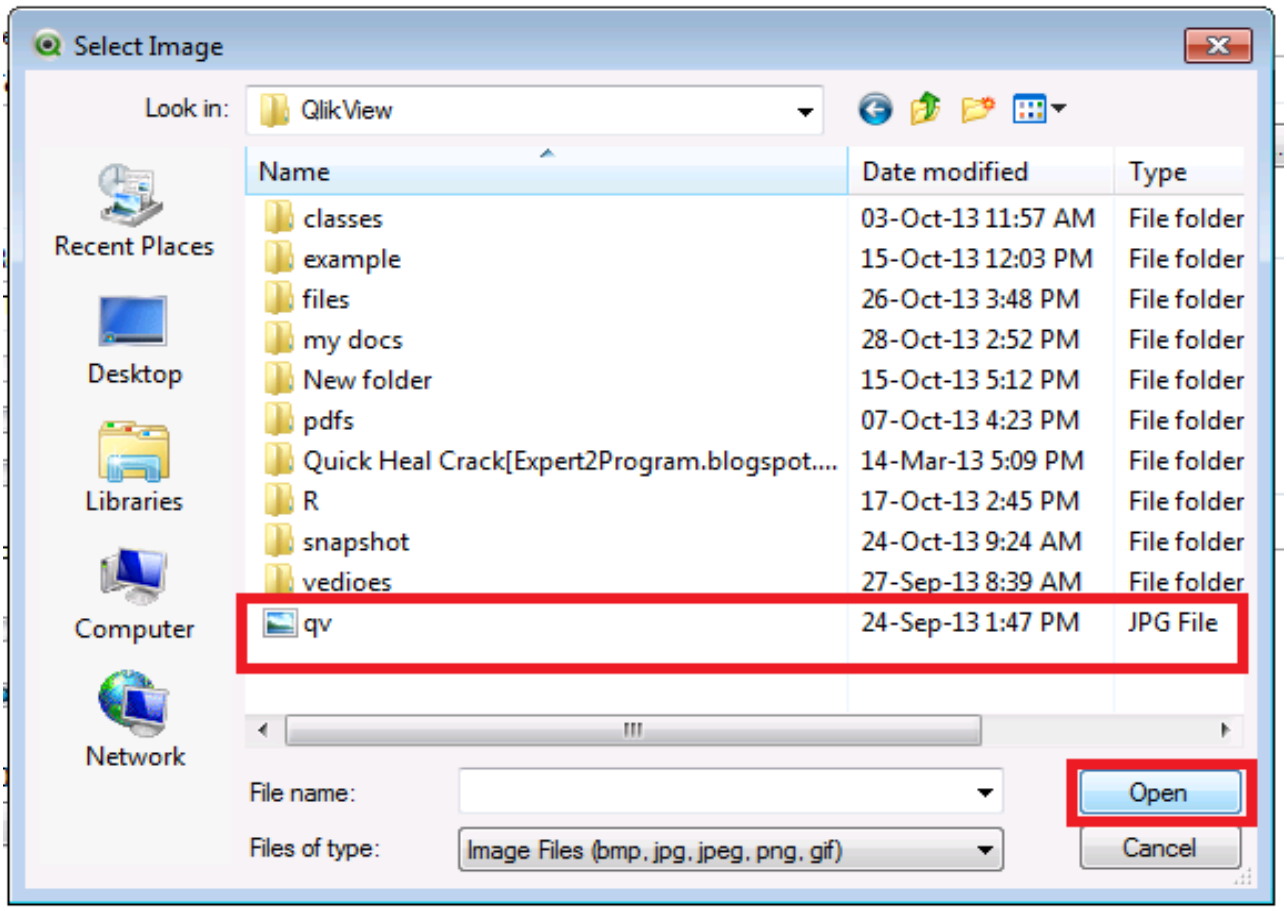


Display Image using text object:

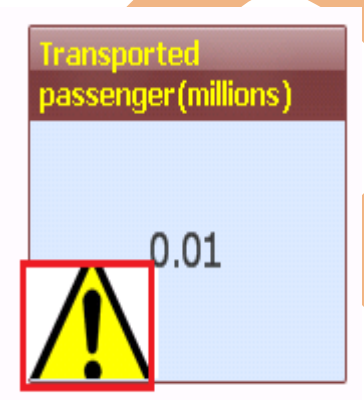
A text object can also be used to display an image. For example, we may want to display a small "warning" icon on our Enplaned Passengers text object whenever the amount of passengers is lower than 1 million. We can achieve that by following these steps:



From here you can browse the location of the image where the image is saved.....

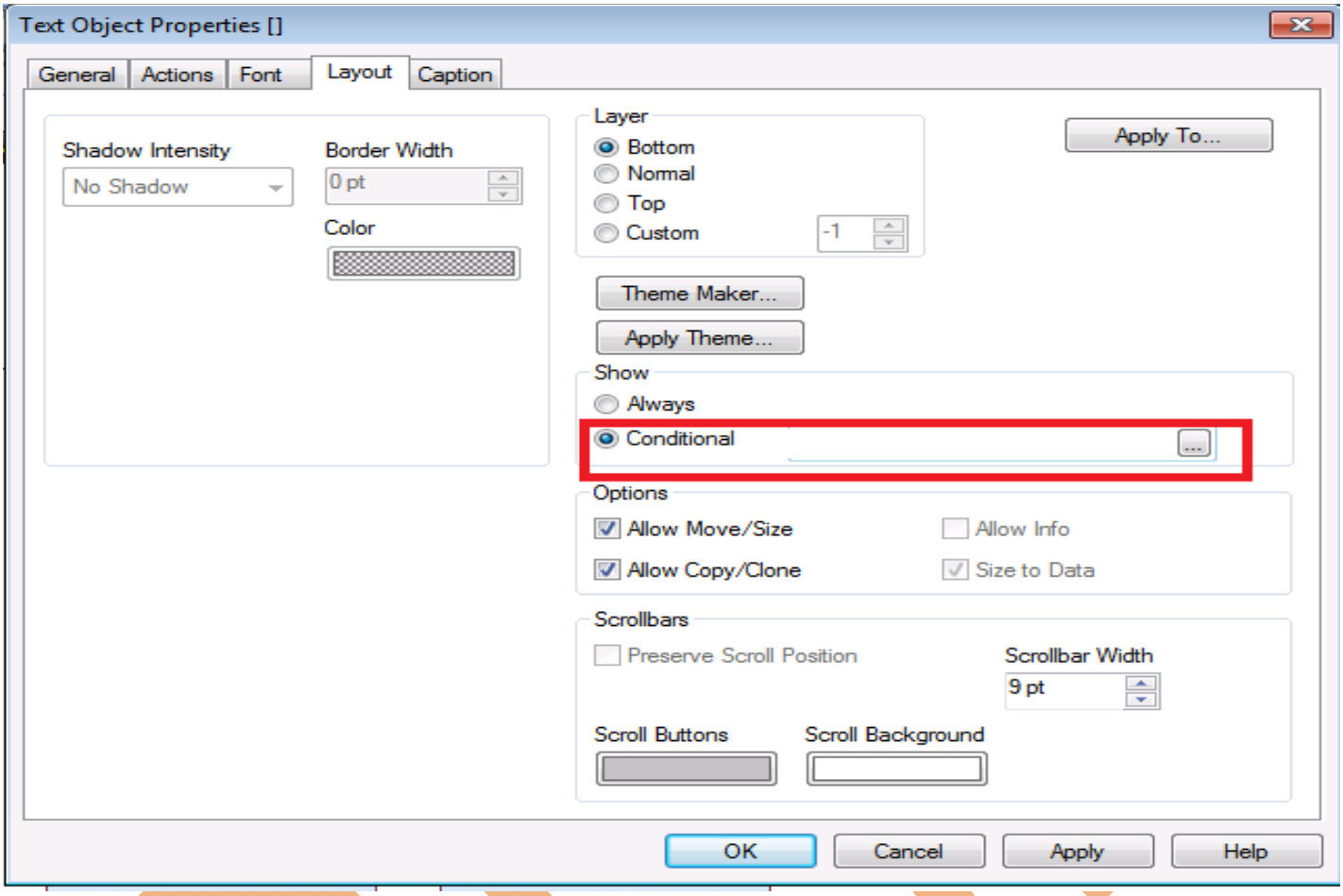


Then the image will appear we will adjust the image in our text box Transported passenger.

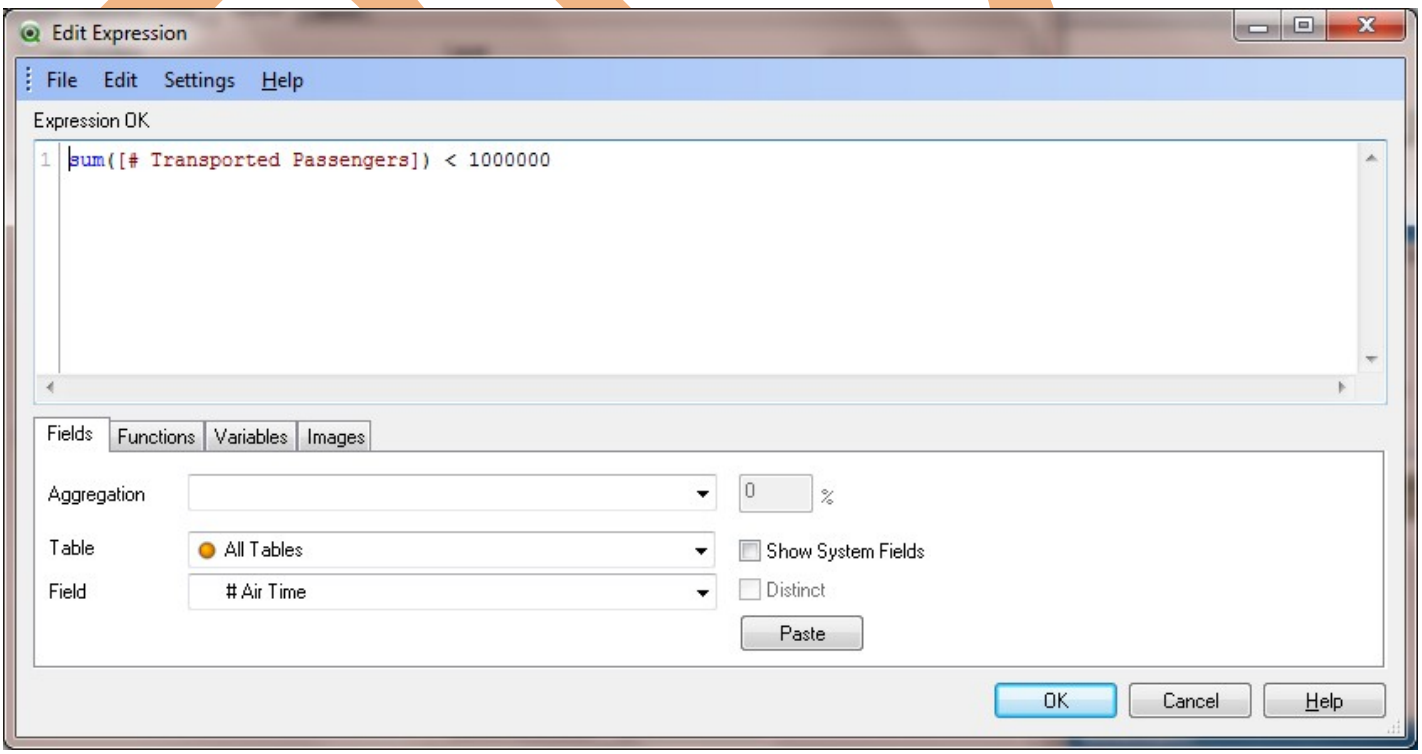


Now we will give the condition within this text box go to the layout tab here click on the conditional column this will open the window for the expression.

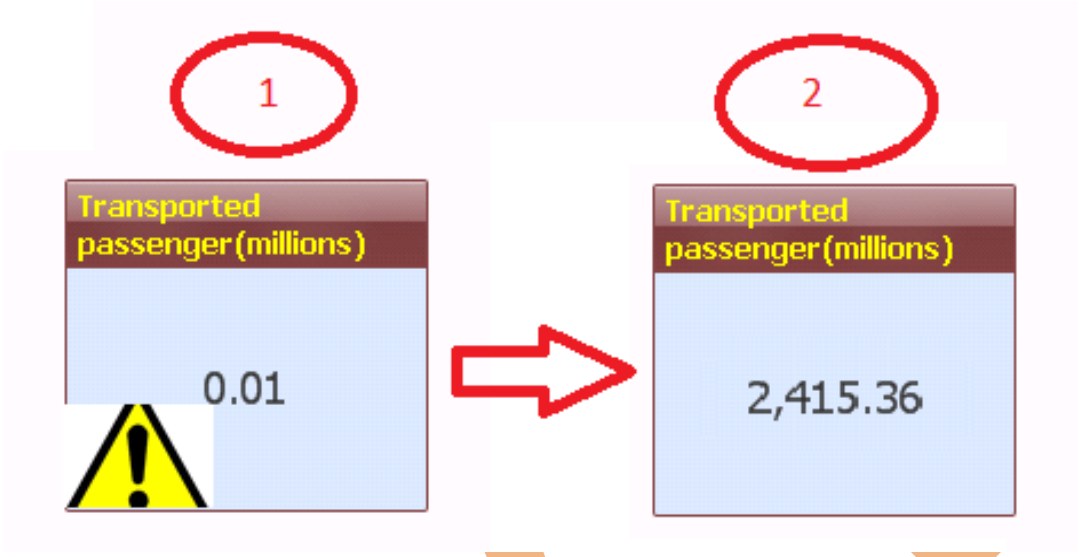
Type the expression here which you wants to set for the appearance of the image the condition will be the Sum(#Transported passenger)<1000000 if the limit of transported passenger lie below 1000000 this will appear the warning image.



Then the window will open on which expression will be added as shown below.



Look here the both text object in the text object 1 our limit goes below 1 millions the warning image appear and when the limit exceeds from 1 millions as shown in image 2 the image will disappear.



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