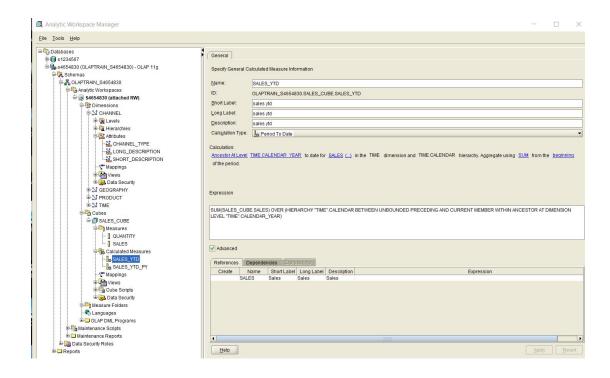
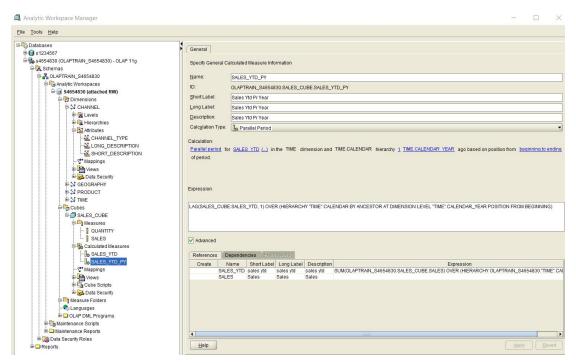
Part 1: Create Logical Data Model

Task 1:

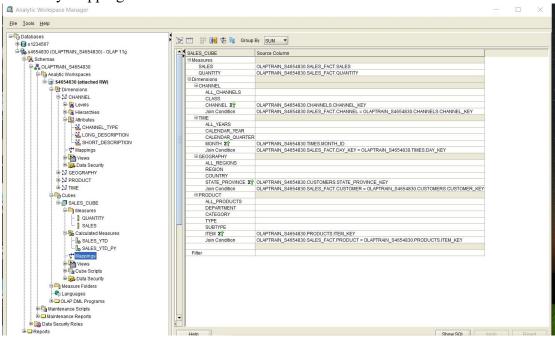
Cube mapping

Cube measures definition:



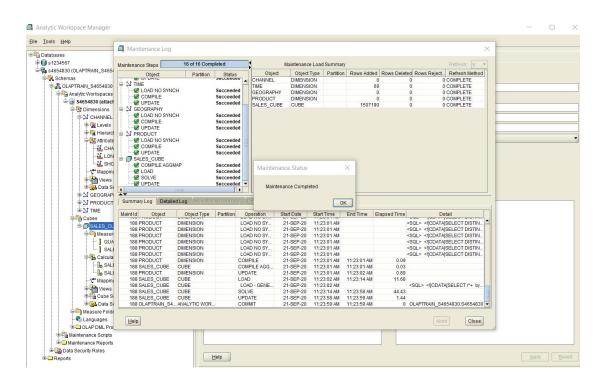


Summary mapping:



Task 2:

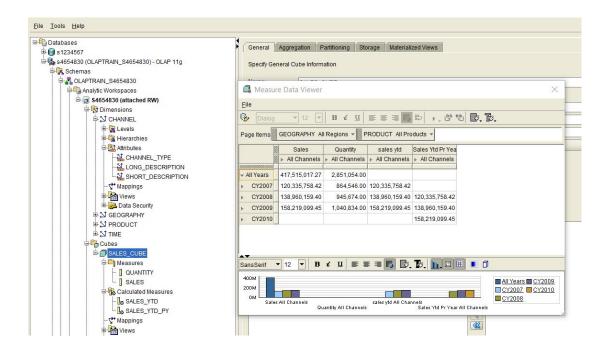
Maintain:



Task 3:

View data:

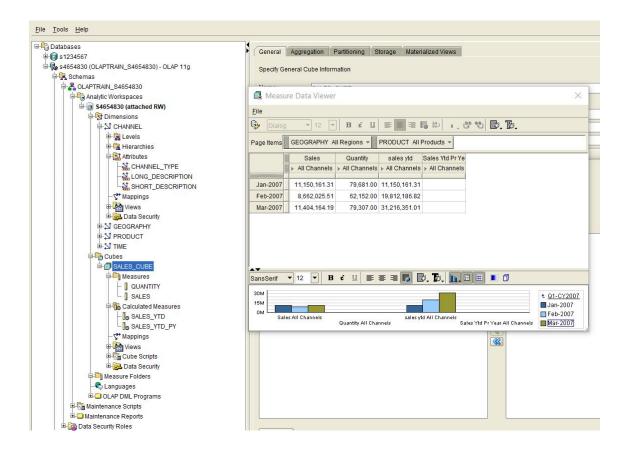
1: The drill - down



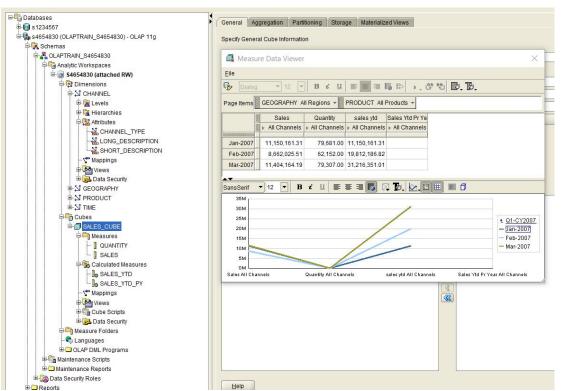
Describe:

Now we could see the all-year's data(total Sales) and it's conclude 2007 - 2010, now i am try to drill down the data into : All Years -- CY2007 -- Q1-CY2007 and check the Jan to Mar 's data.

Drill down result:



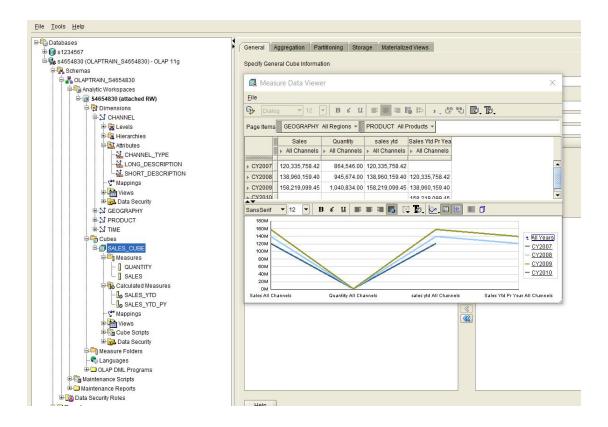
2: Roll up



Describe:

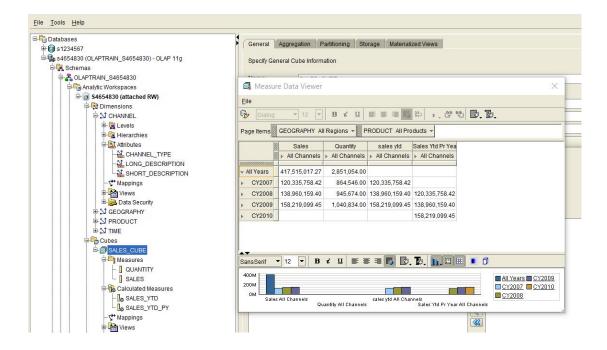
Now we are in the Q1-CY2007 level, based on first screenshot, we could see the Jan-Mar's data, now we do the roll up, the level should be Q1 - CY2007 --> CY2007 --> All years, the results is below.

Roll up results:



3:pivot

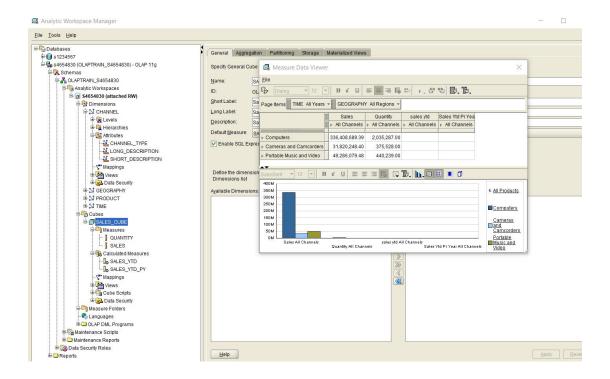
The current data structure of the cube



Describe:

Based on the current data cube, i find the row is time, so i use the query builder change the row and column and view the data again, the plow will show below.

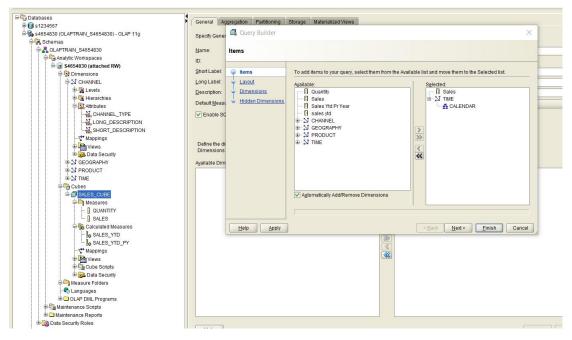
Result:



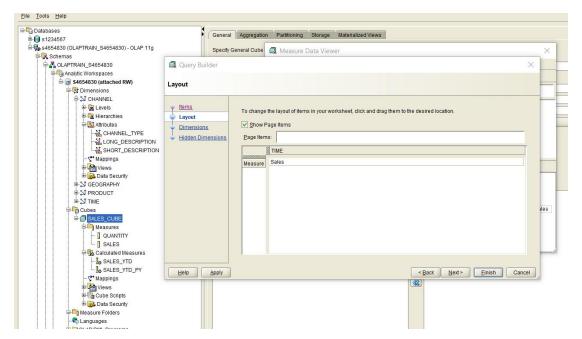
Task 3 part 2

For get the first version, use the Query builder the screenshot is below:

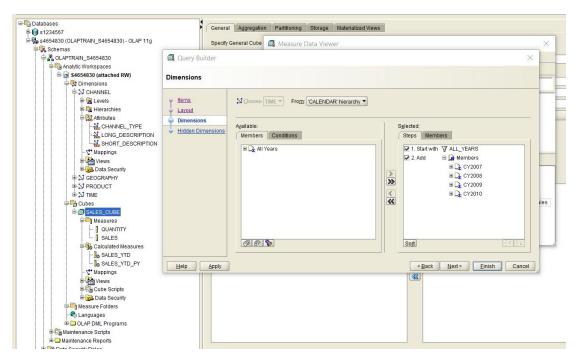
1. Choice time as the member with each year.



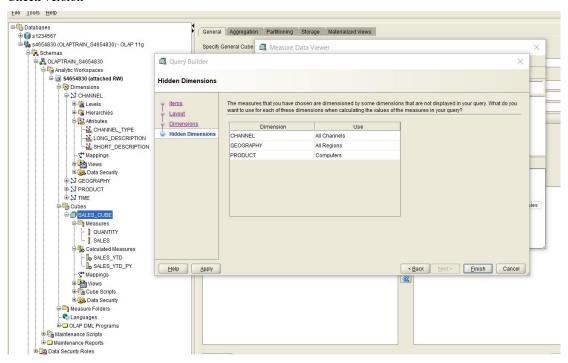
Set clown and row



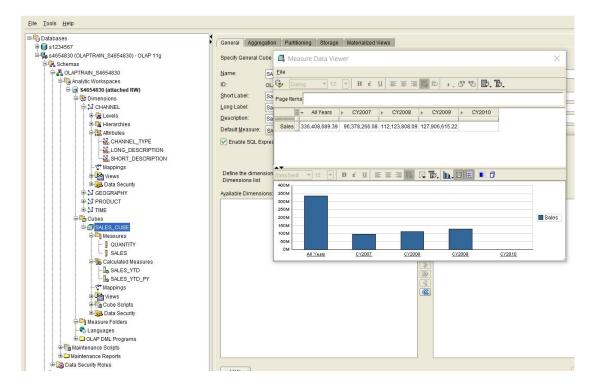
Set the clown



Check version

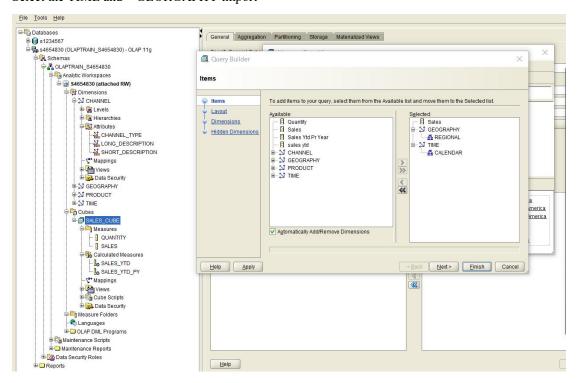


Result for first version

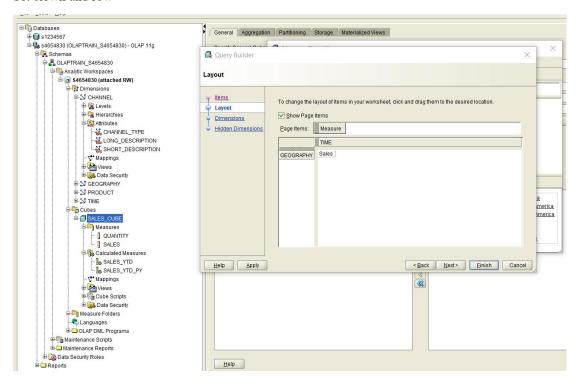


For the second version:

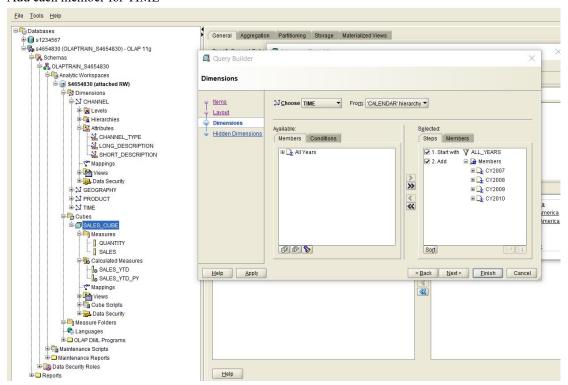
Select the TIME and GEORGAPHY import



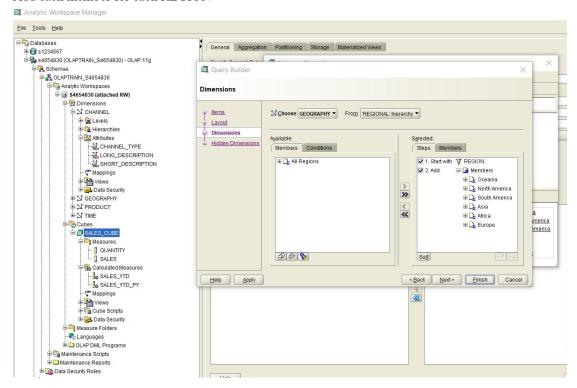
Set clown and row



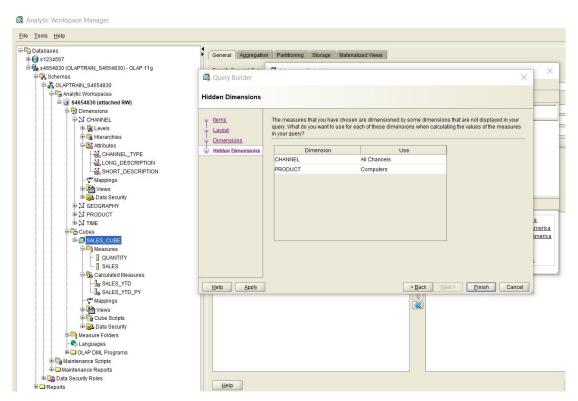
Add each member for TIME



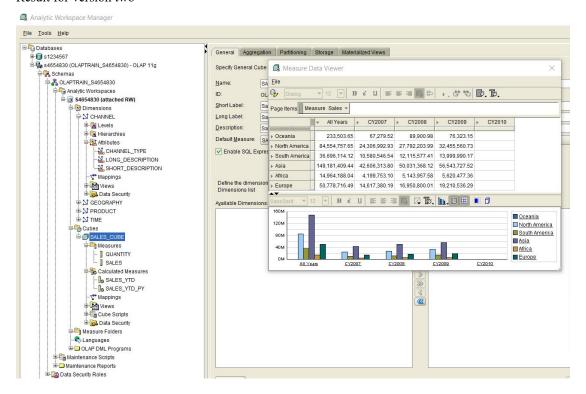
Add each member for each REGION



Check the version structure

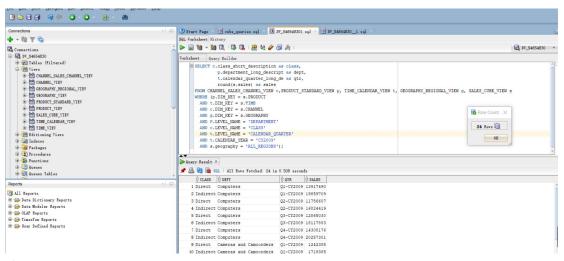


Result for version two



Task 4

1)



2)

