Oracle BI 11g Reports and Dashboards

Introduction to Answers

PEAK indicators

Introduction to Answers

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PEAK indicators

Introduction to Answers

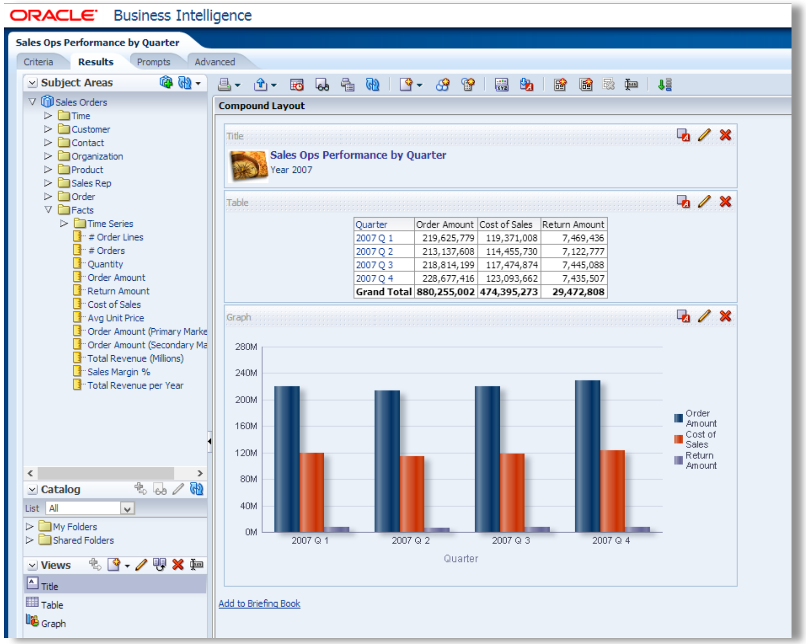
Overview

Overview

- Answers is the component of Oracle BI used for building interactive reports (referred to as "**Analyses**")

- It can also be used for ad-hoc analysis

- The following types of users are typically granted access to Answers:
    - System Administrators
    - Local Administrators
    - Power Users
    - Business Analysts



PEAK
indicators

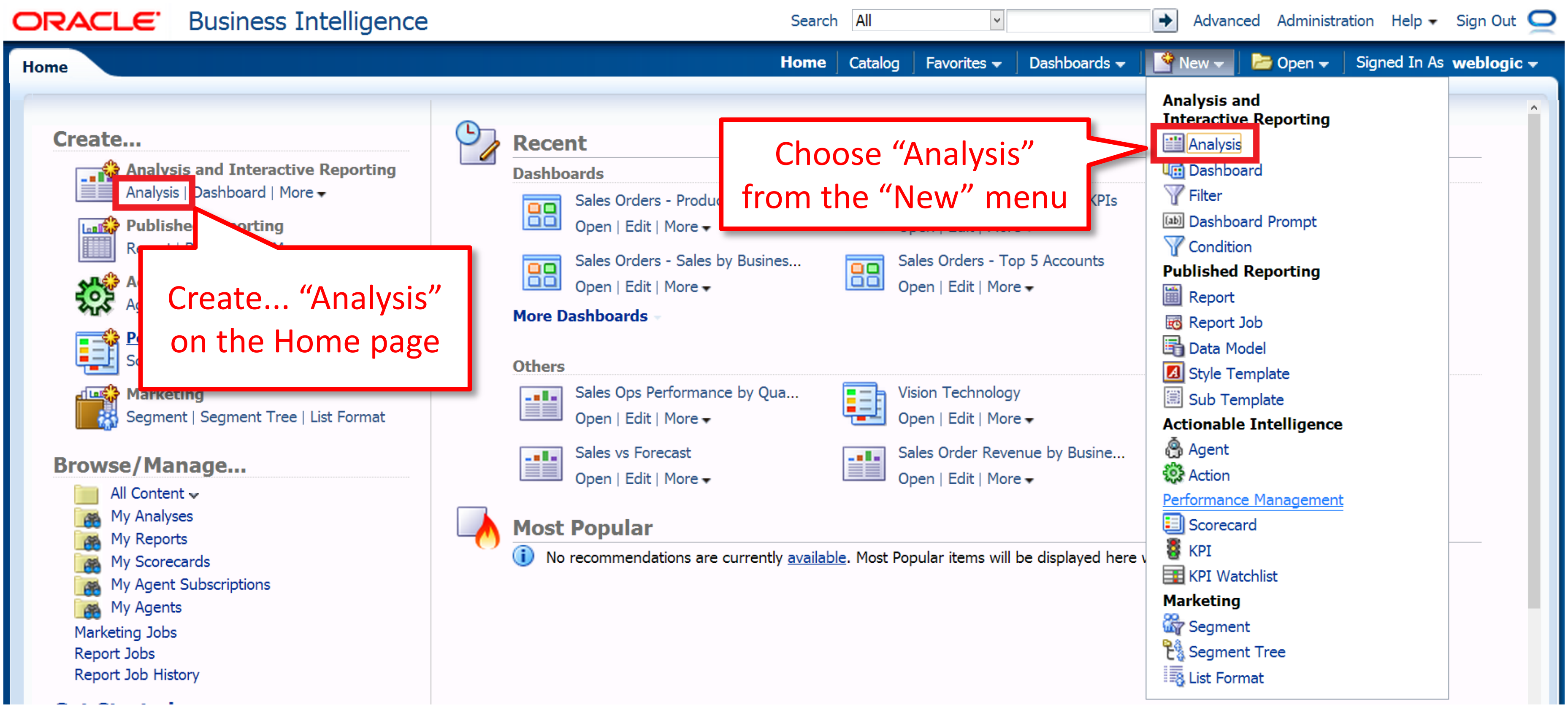
Introduction to Answers

Creating a New Analysis

Creating a New Analysis

Options

- You can create a new “Analysis” in two ways

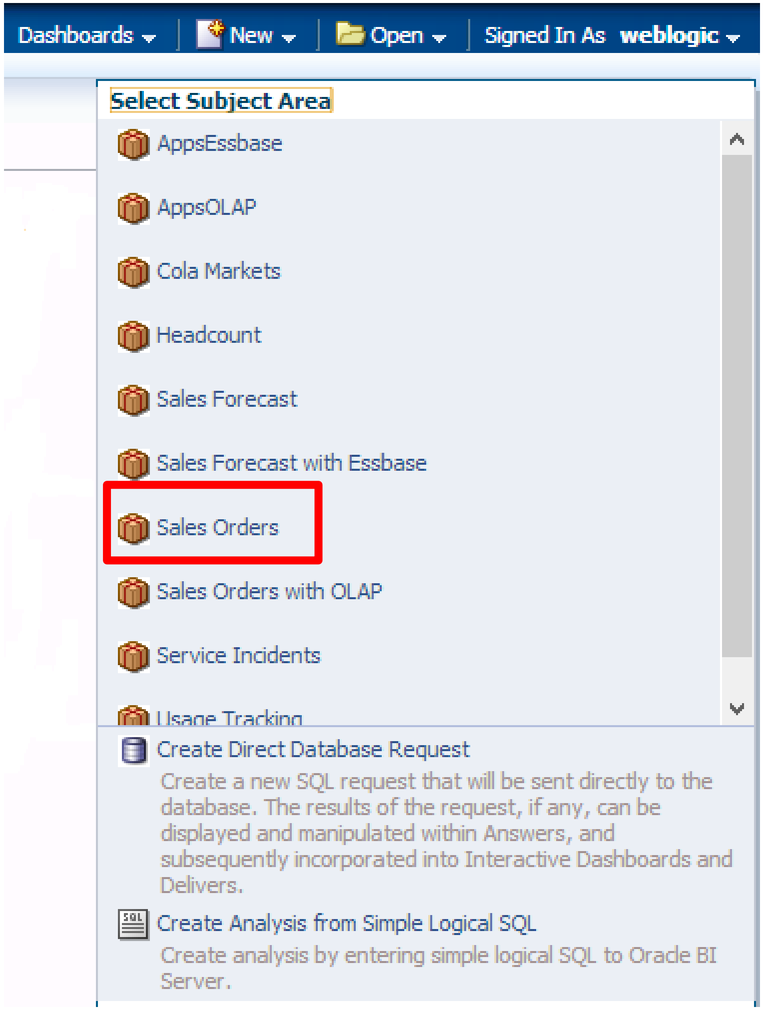


Creating a New Analysis
Choosing a Subject Area

- When you choose to create a new Analysis, you will be asked to select a "**Subject Area**"

- Subject Areas contain related sets of reporting objects. Users will typically have access to one or more subject areas, depending on their application privileges

- For example, the "Sales Orders" Subject Area will contain objects relevant to reporting on sales orders:
    - Year
    - Organization
    - Customer
    - Total Revenue
    - Cost of Sales



Creating a New Analysis

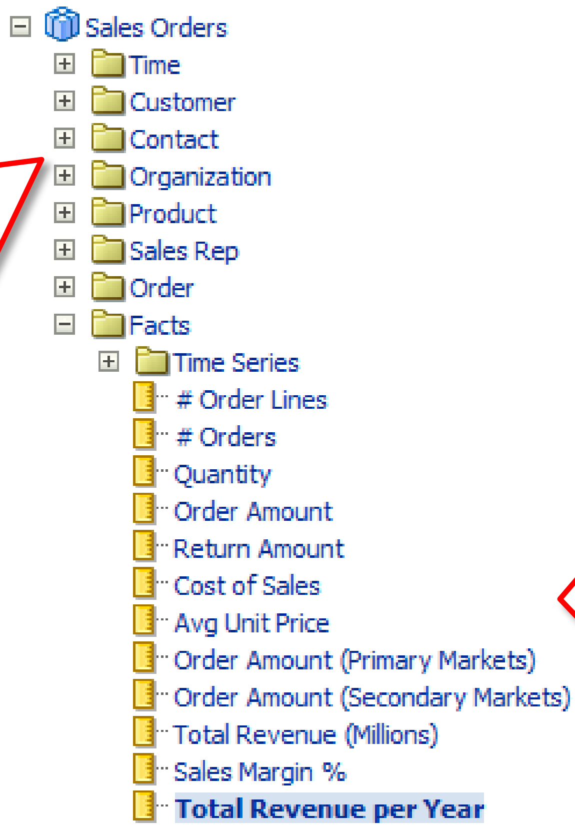
About Subject Areas

- A Subject Area consists of "**Facts**" and "**Dimensions**". When you create an Analysis, you will typically want to select a combination of both Facts and Dimensions to appear on it

Dimensions are usually listed first in the subject area. Dimensions are typically character or date columns, they are defined as objects that cannot be "aggregated" (summarised).

Examples:

- Year, Month, Date
- Customer Name, Customer Type
- Organization Name
- Order Status, Order Type



Facts or **Measures** are typically listed at the bottom. Facts return numeric values and are defined as objects that can be "aggregated" i.e. summarised by month or averaged

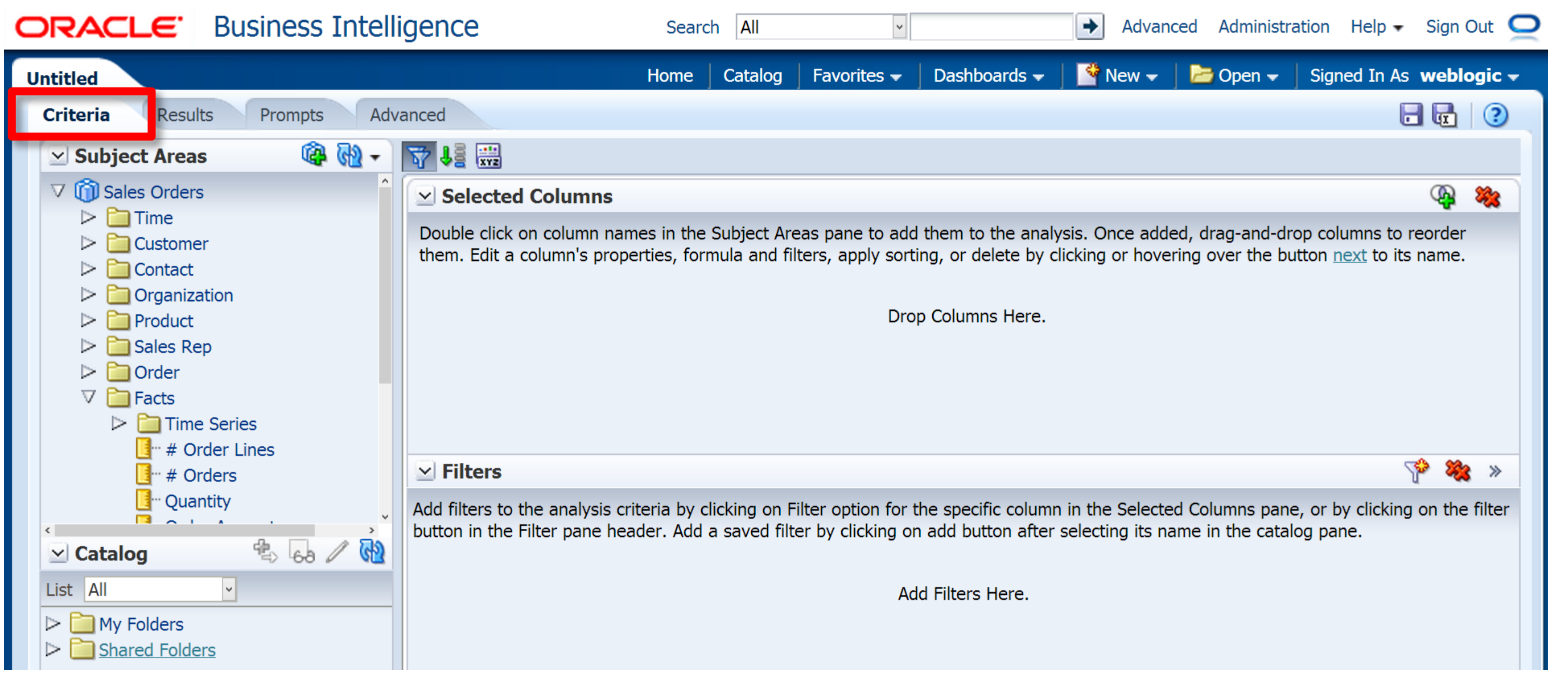
Examples:

- # Orders
- Quantity
- Order Amount
- Avg Unit Price

Creating a New Analysis

The Criteria Tab

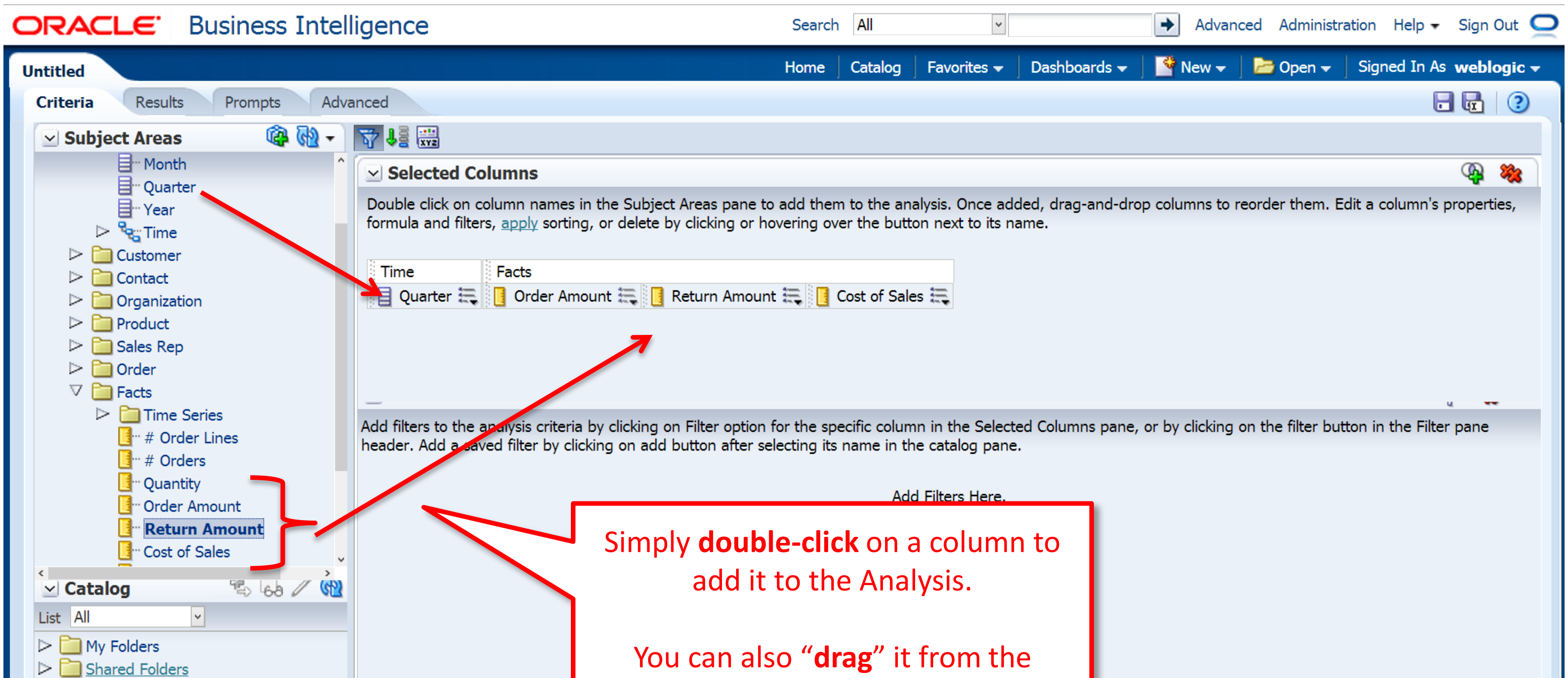
- Once you have chosen your Subject Area, you will be taken to the Answers "**Criteria**" tab where you can define the data content of your Analysis



Creating a New Analysis

Selecting Columns

- The first step is to choose the desired columns from the **Subject Area** which should appear on the Analysis



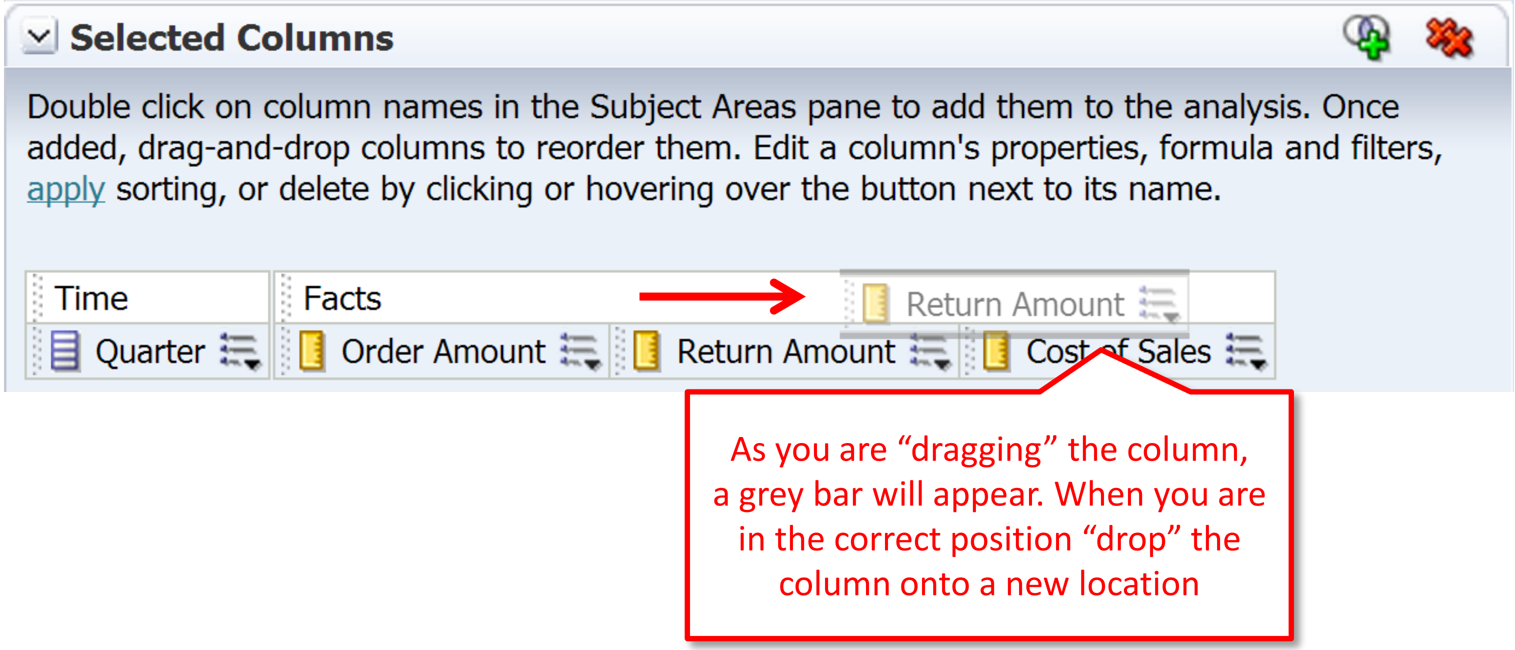
Simply **double-click** on a column to add it to the Analysis.

You can also “**drag**” it from the Subject Area to the desired location

Creating a New Analysis

Rearranging Columns

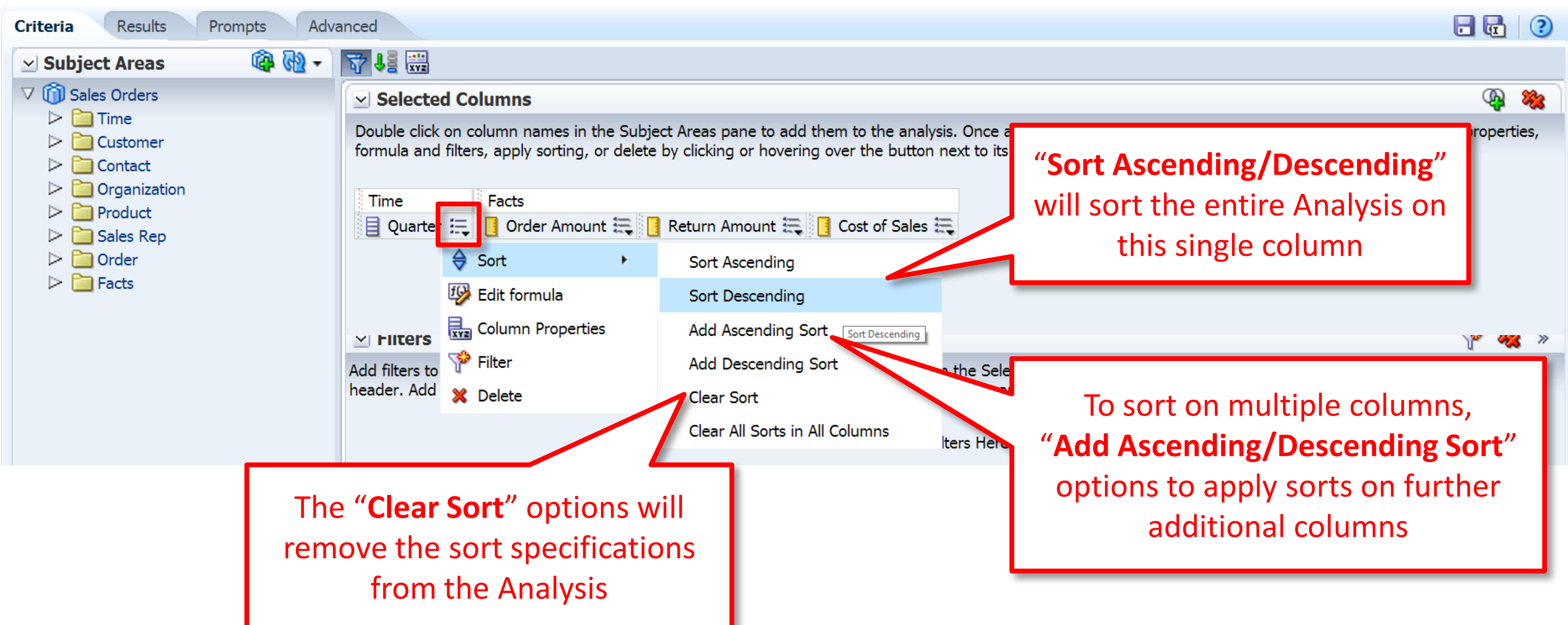
- If the columns are not listed in the correct order, you can rearrange them simply by dragging and dropping them onto the desired location:



Creating a New Analysis

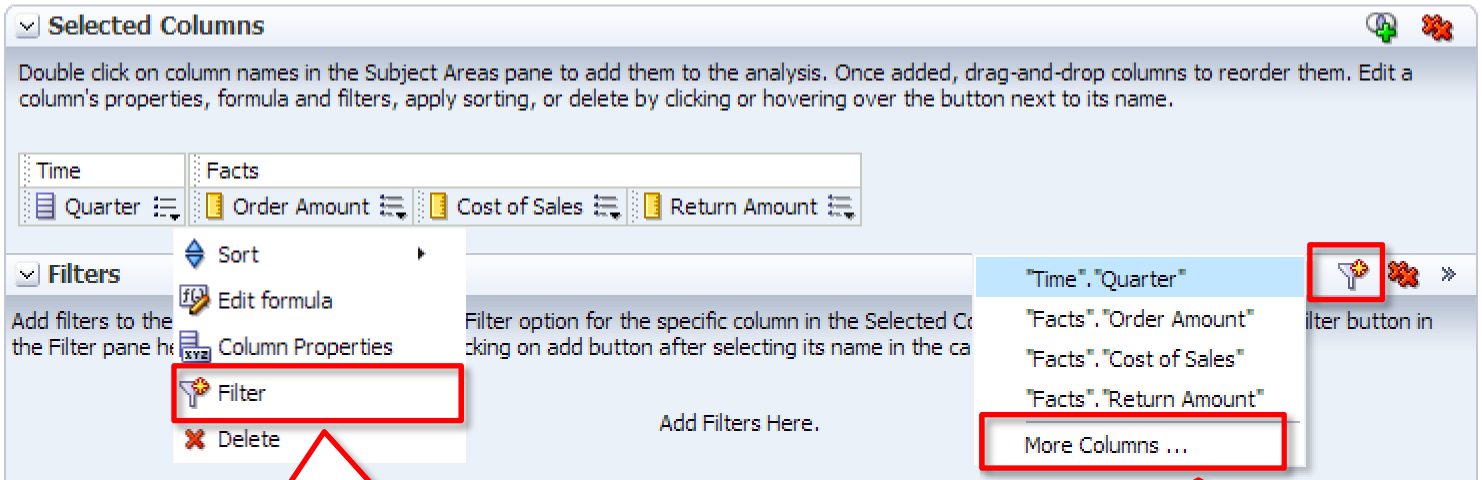
Apply Sort Order

- By default, the Analysis will be sorted alphabetically starting with the first column, however you can choose a different sort order using the menu beside each column selected:



Creating a New Analysis
Adding Filters

- Filters can be applied to limit the results returned by your Analysis
  - Filters can be added in two ways, depending on whether or not the relevant column exists in your Analysis



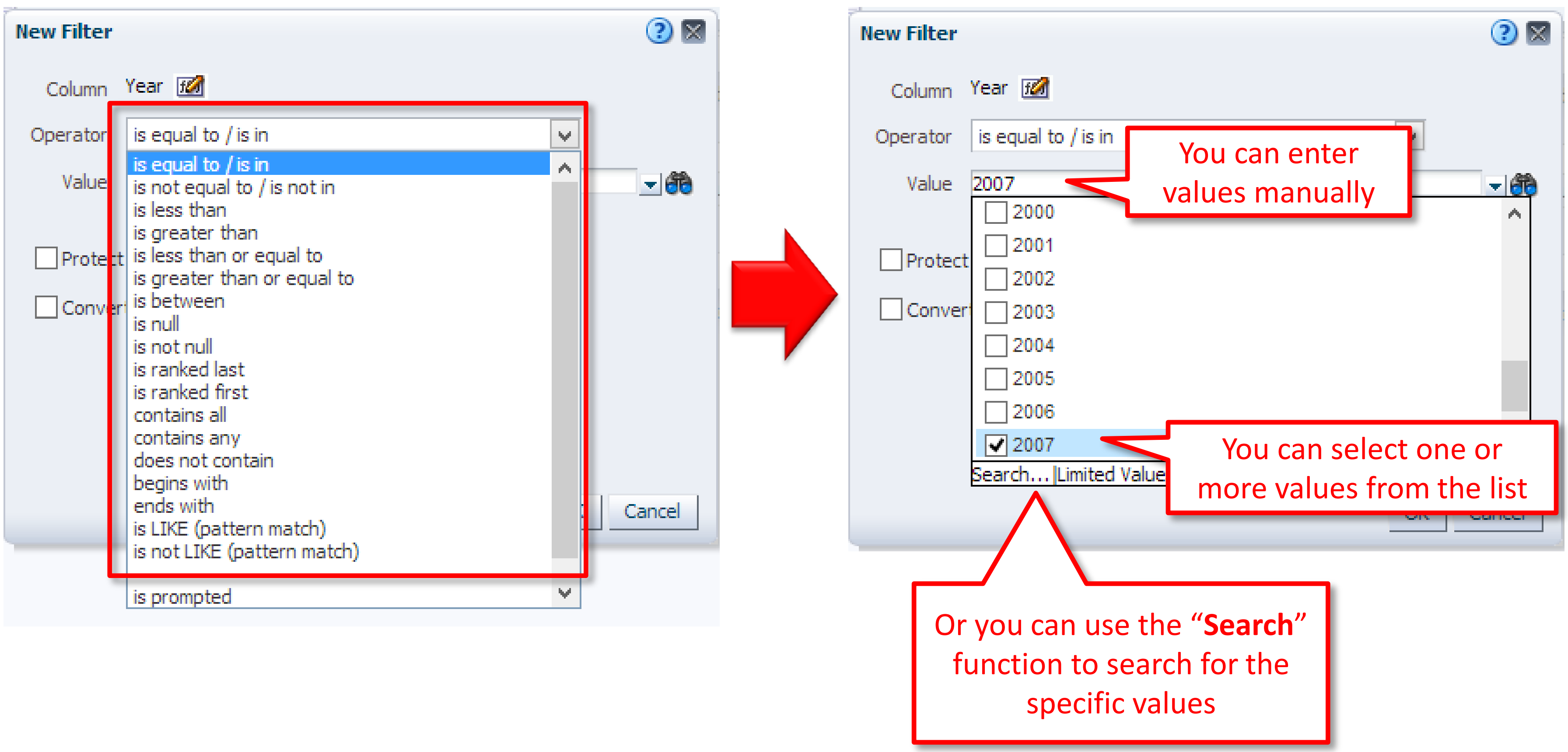
Use this menu option to apply a filter on a column which already exists on the Analysis

You should use this "**Create Filter > More Columns**" menu option to apply a filter on a column which is not already included on the Analysis

Creating a New Analysis

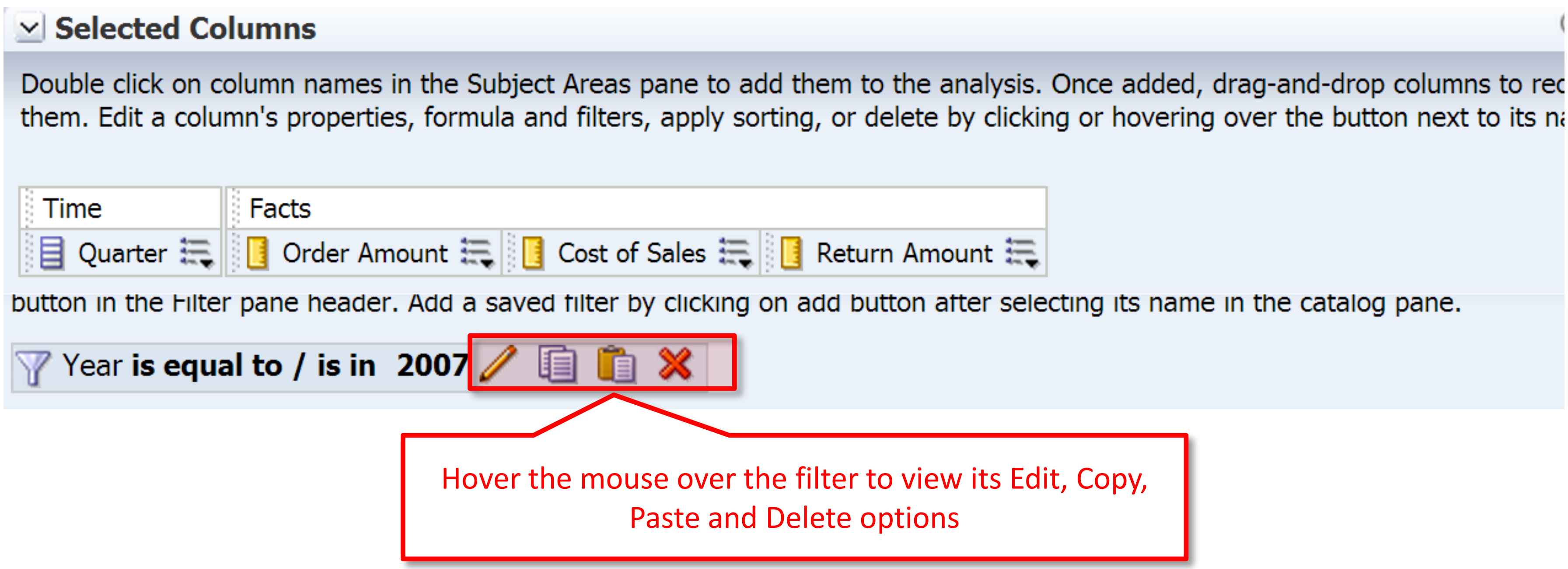
Adding Filters

- Once you have selected the column on which to filter, specifying the filter criteria is easy:



Creating a New Analysis
Adding Filters

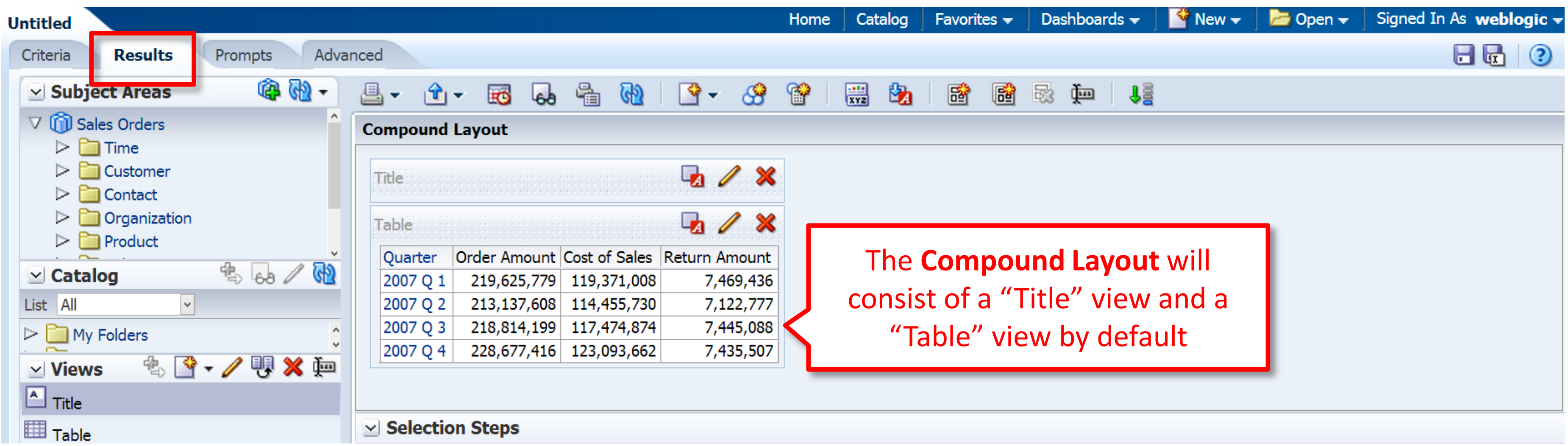
- Once defined, you can see all of the filters listed in the "Filters" pane at the bottom of the Criteria tab



Creating a New Analysis

The Results Tab

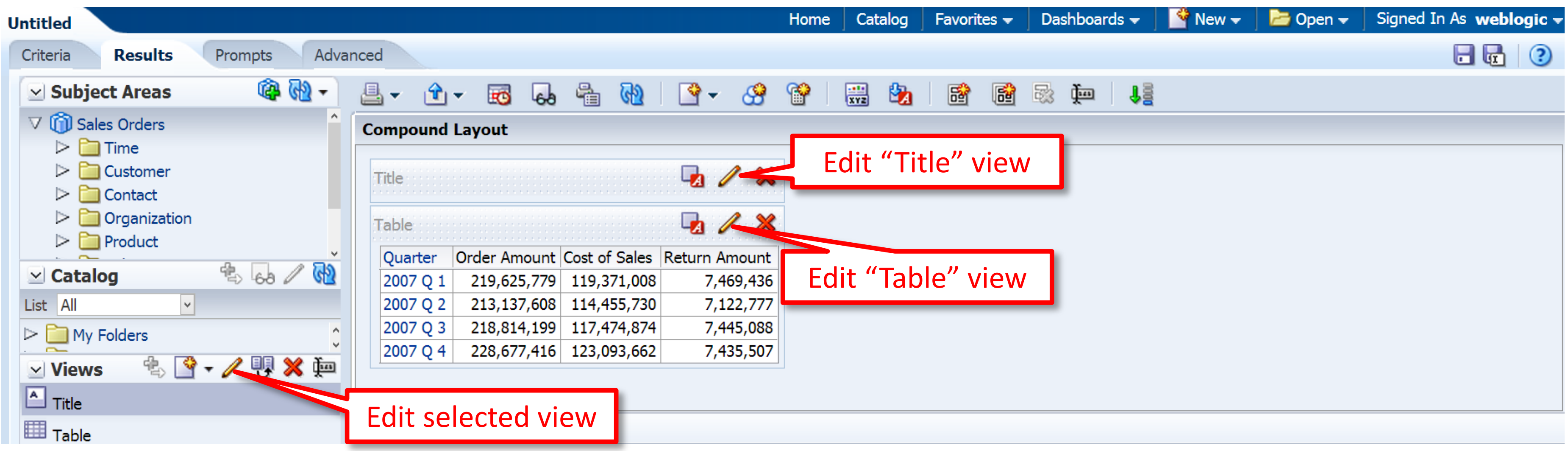
- Once the content of your request has been defined, you can go to the "**Results**" tab to see the actual results returned
  - You will be shown the "**Compound Layout**" which is the default view of the request when it is opened on a dashboard



Creating a New Analysis

Editing Views

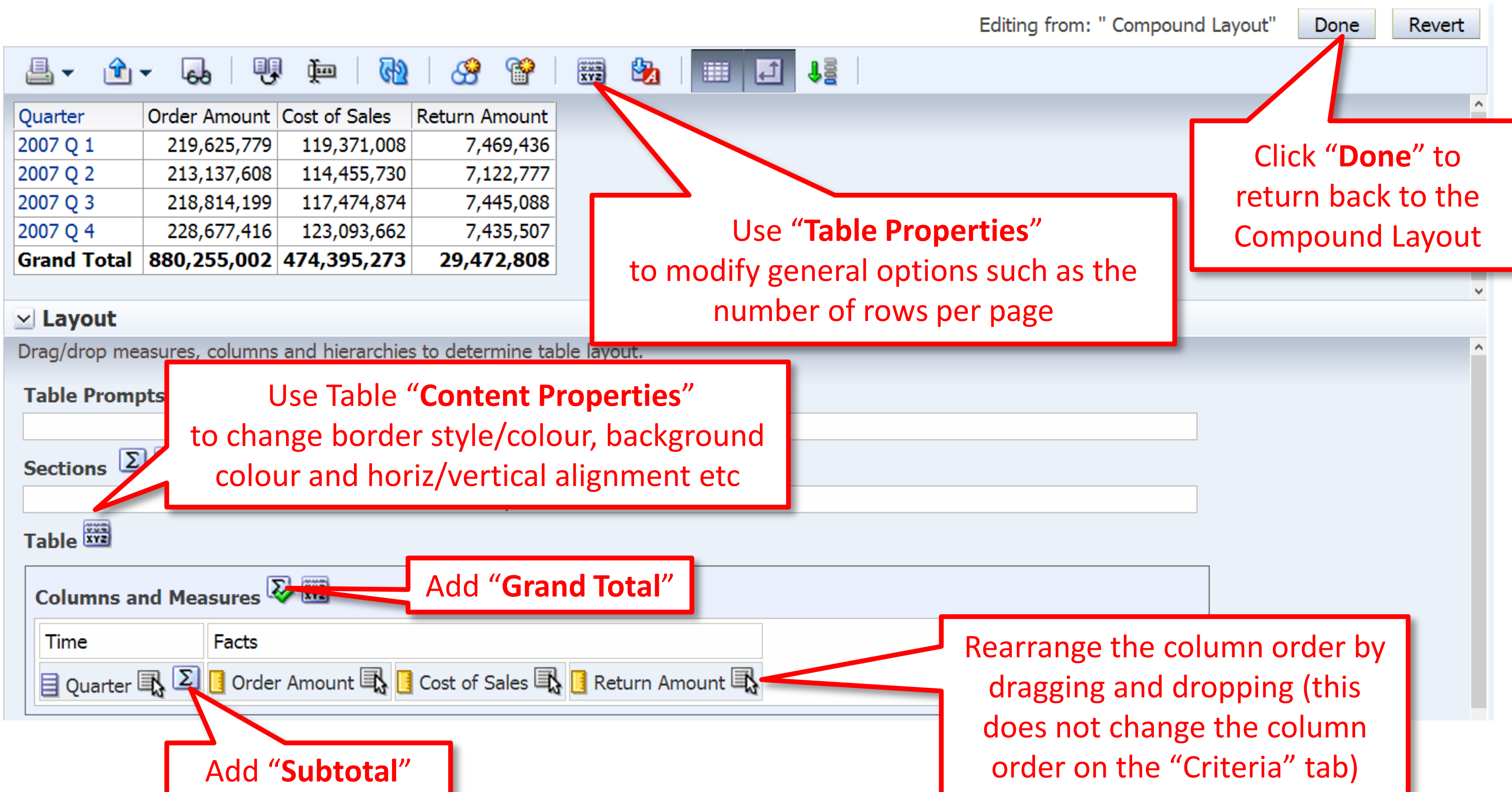
- You can edit views simply by clicking on the  buttons either in the “Views” pane or at the top of each view in the Compound Layout:



Creating a New Analysis

Edit Table View

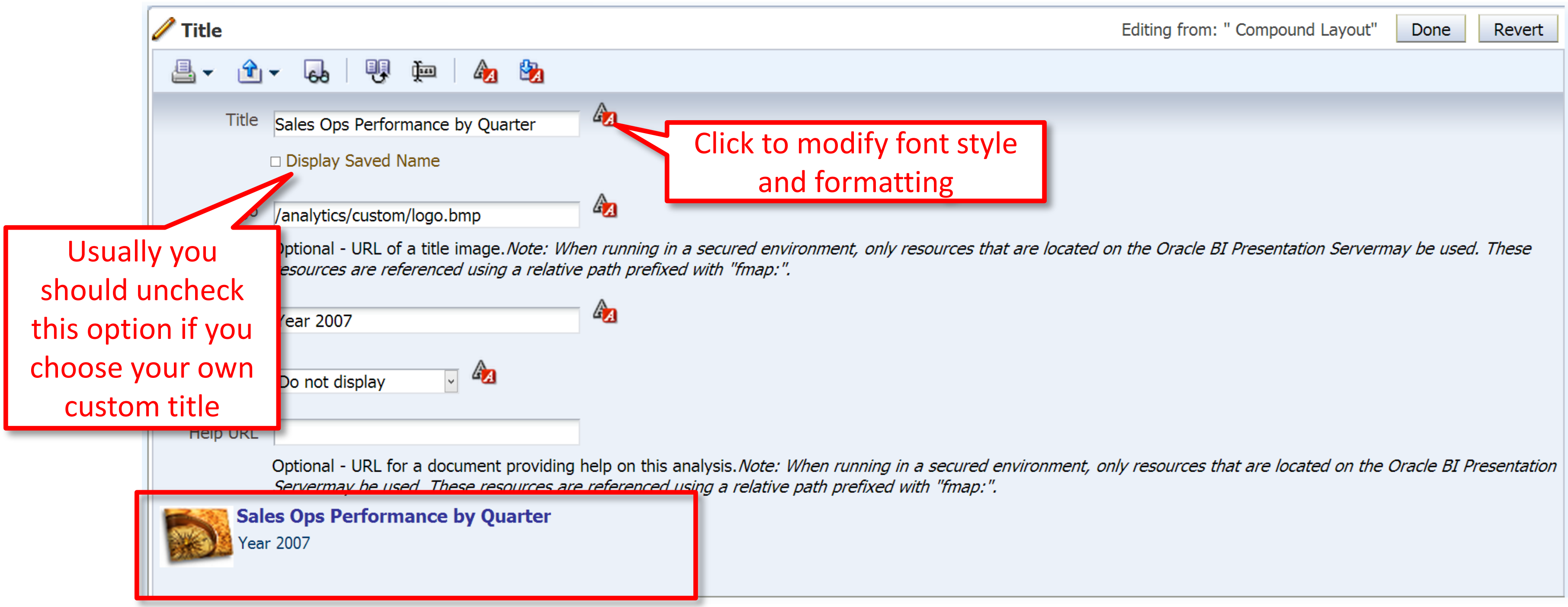
- Editing a Table view allows you to add Grand Totals and modify the layout and formatting



Creating a New Analysis

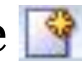
Edit Title View

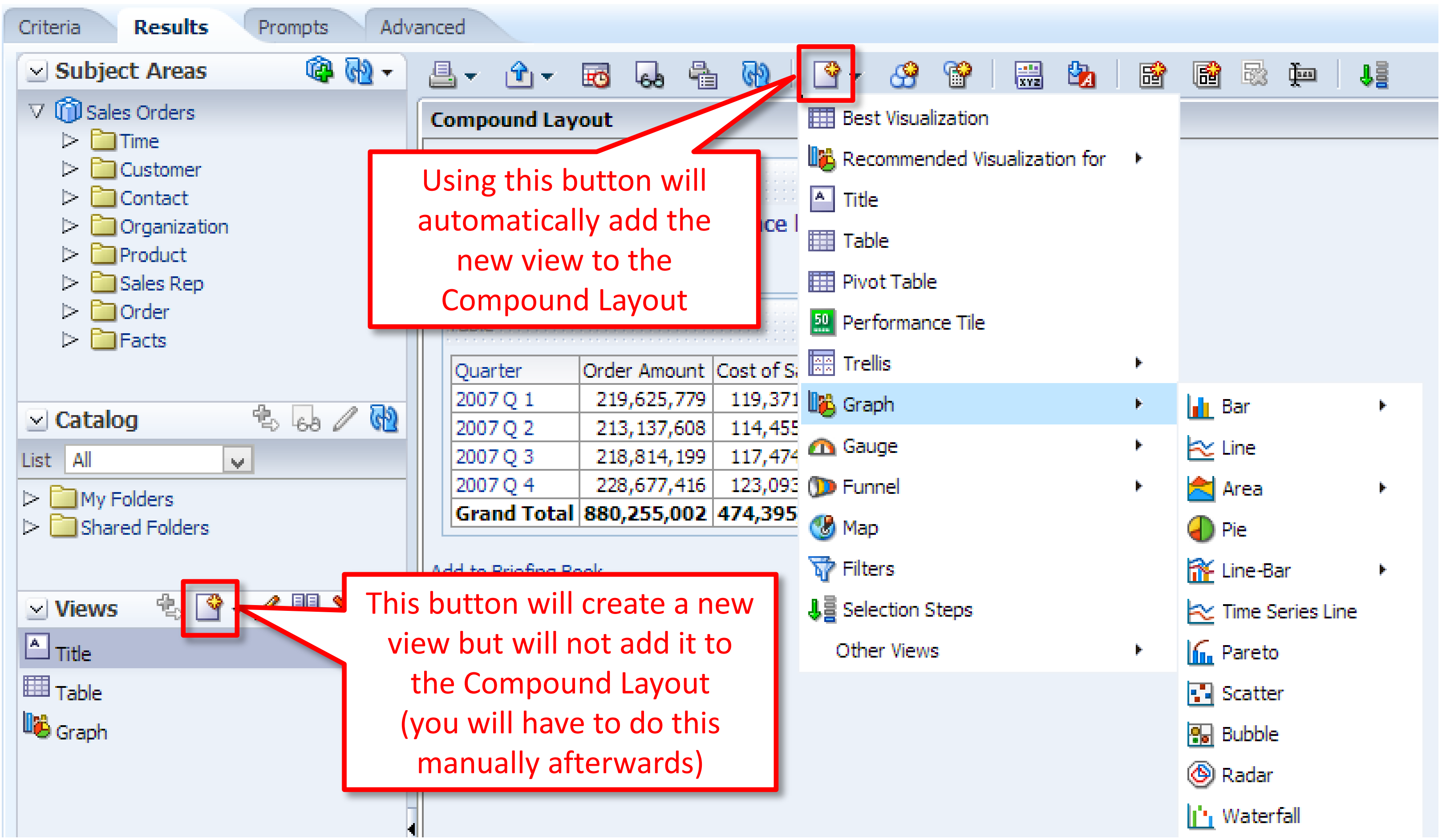
- Edit the Title view to configure items such as the Title and Subtitle
  - You can also add a Logo and provide a URL to a “Help” document:



Creating a New Analysis

Creating A New View

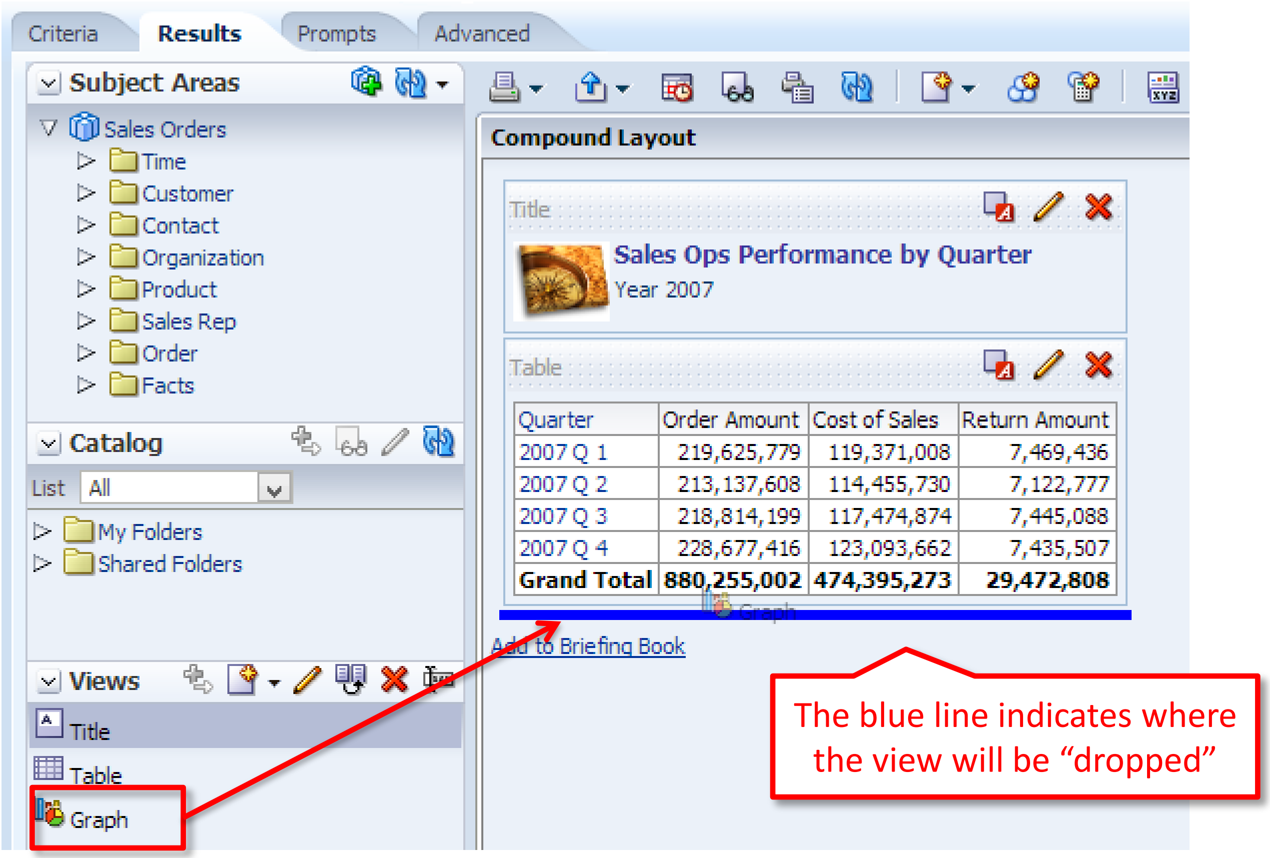
- You can add a new view to the Analysis using the  button which exists in two places



Creating a New Analysis

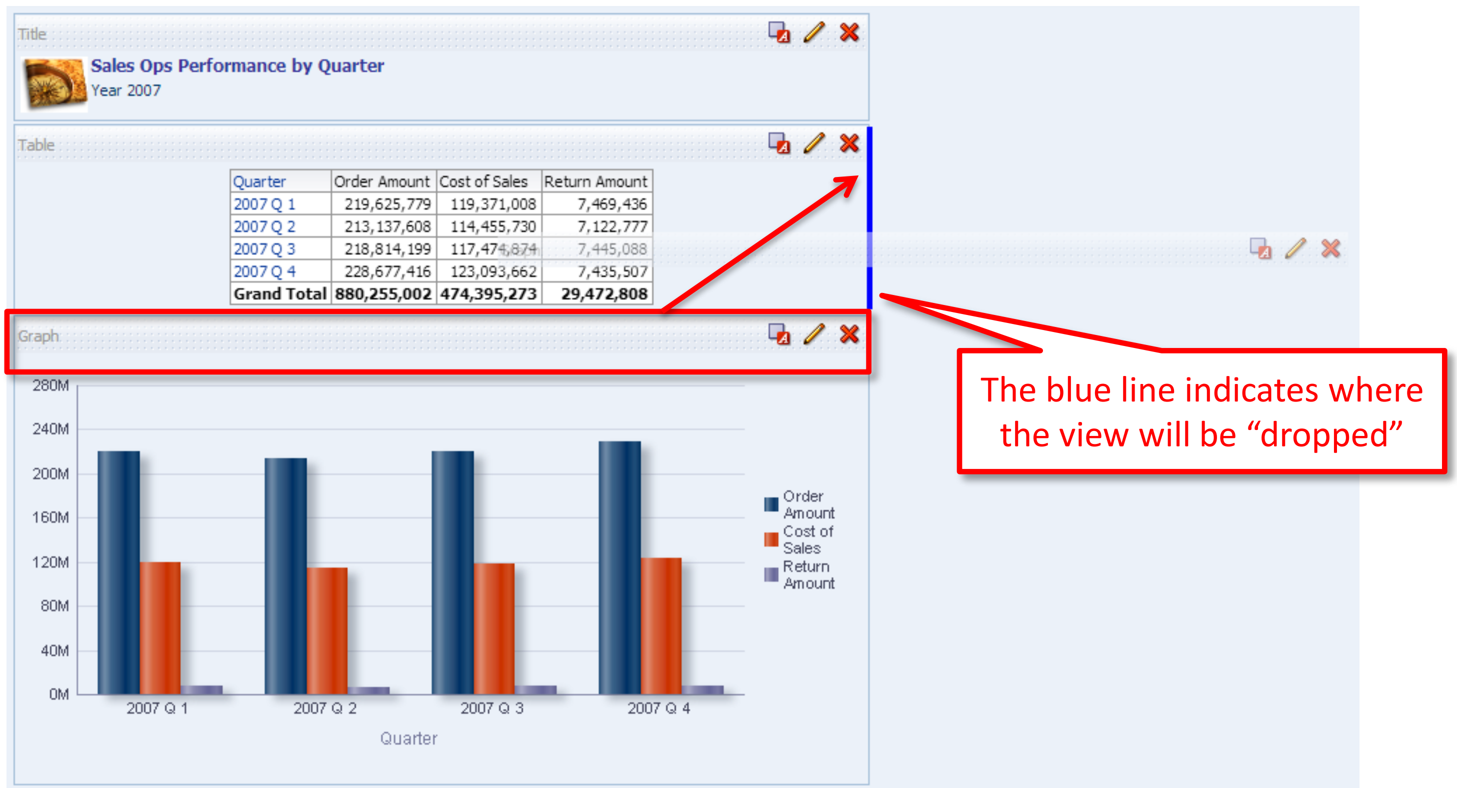
Arranging the Compound Layout

- You can drag views from the “Views” window pane directly onto the Compound Layout:



Creating a New Analysis
Arranging the Compound Layout

- You can also rearrange the Compound Layout by clicking on a view's header and dragging it to a new location

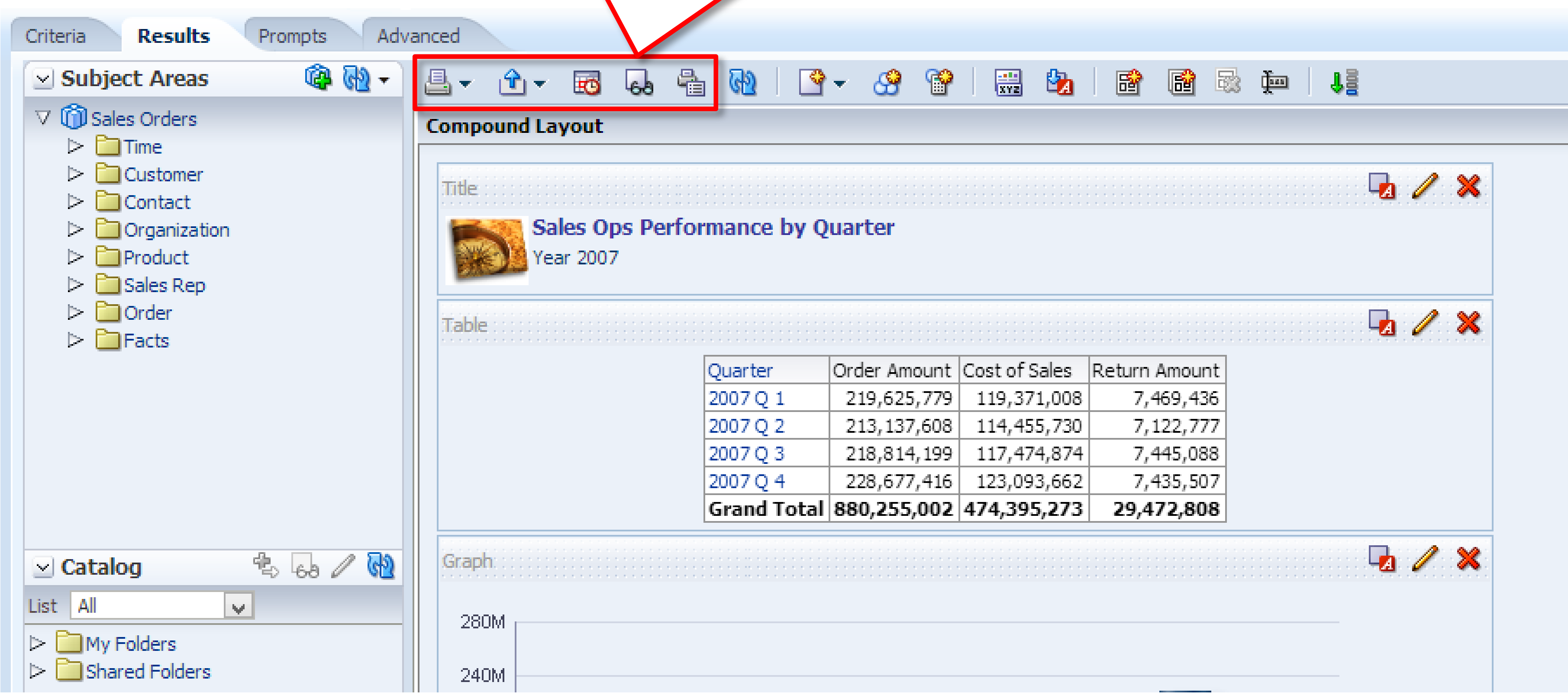


Creating a New Analysis

Standard Options

Here you can find standard options such as:

- Print
- Download/Export
- Schedule
- Preview
- Print Options
- Refresh



Creating a New Analysis

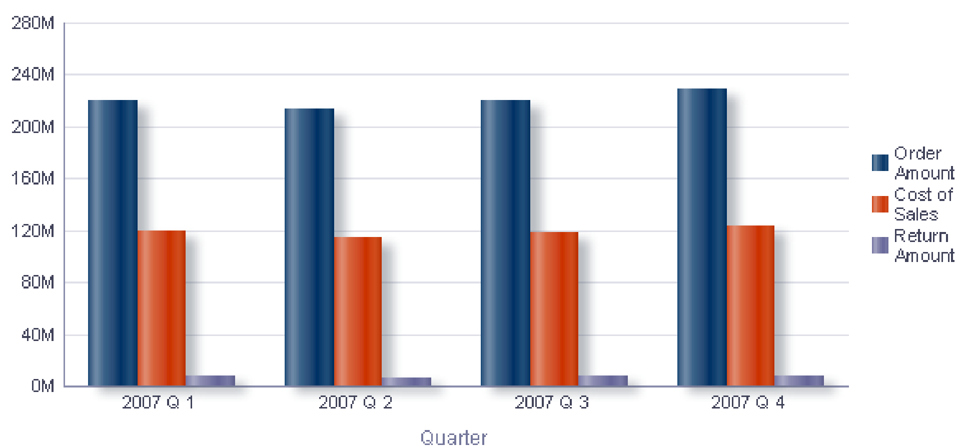
Preview Analysis

- The “**Preview**” option shows the Analysis exactly as it would appear on a Dashboard:

Sales Ops Performance by Quarter

Year 2007

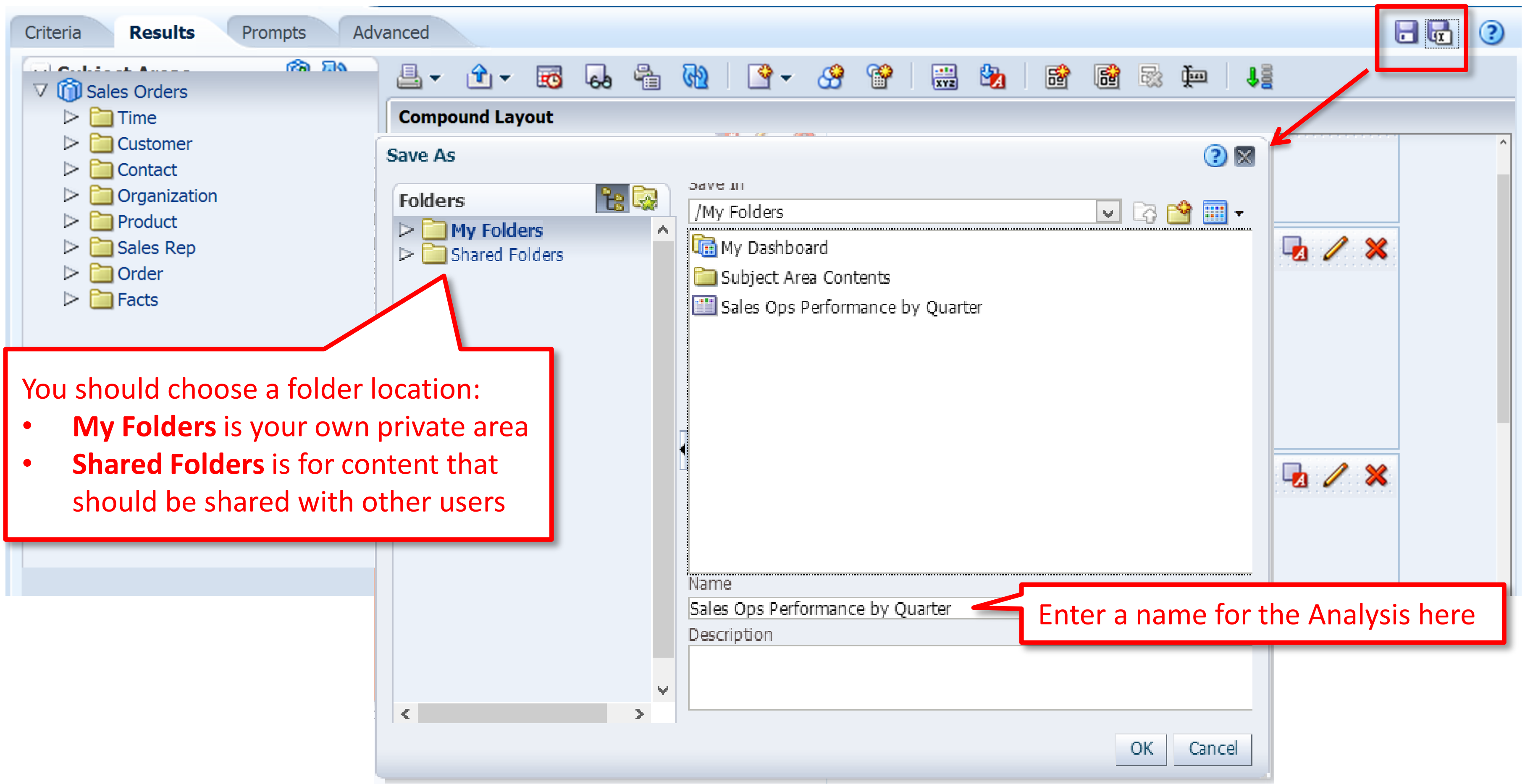
Quarter	Order Amount	Cost of Sales	Return Amount
2007 Q 1	219,625,779	119,371,008	7,469,436
2007 Q 2	213,137,608	114,455,730	7,122,777
2007 Q 3	218,814,199	117,474,874	7,445,088
2007 Q 4	228,677,416	123,093,662	7,435,507
Grand Total	**880,255,002**	**474,395,273**	**29,472,808**



Creating a New Analysis

Save Analysis

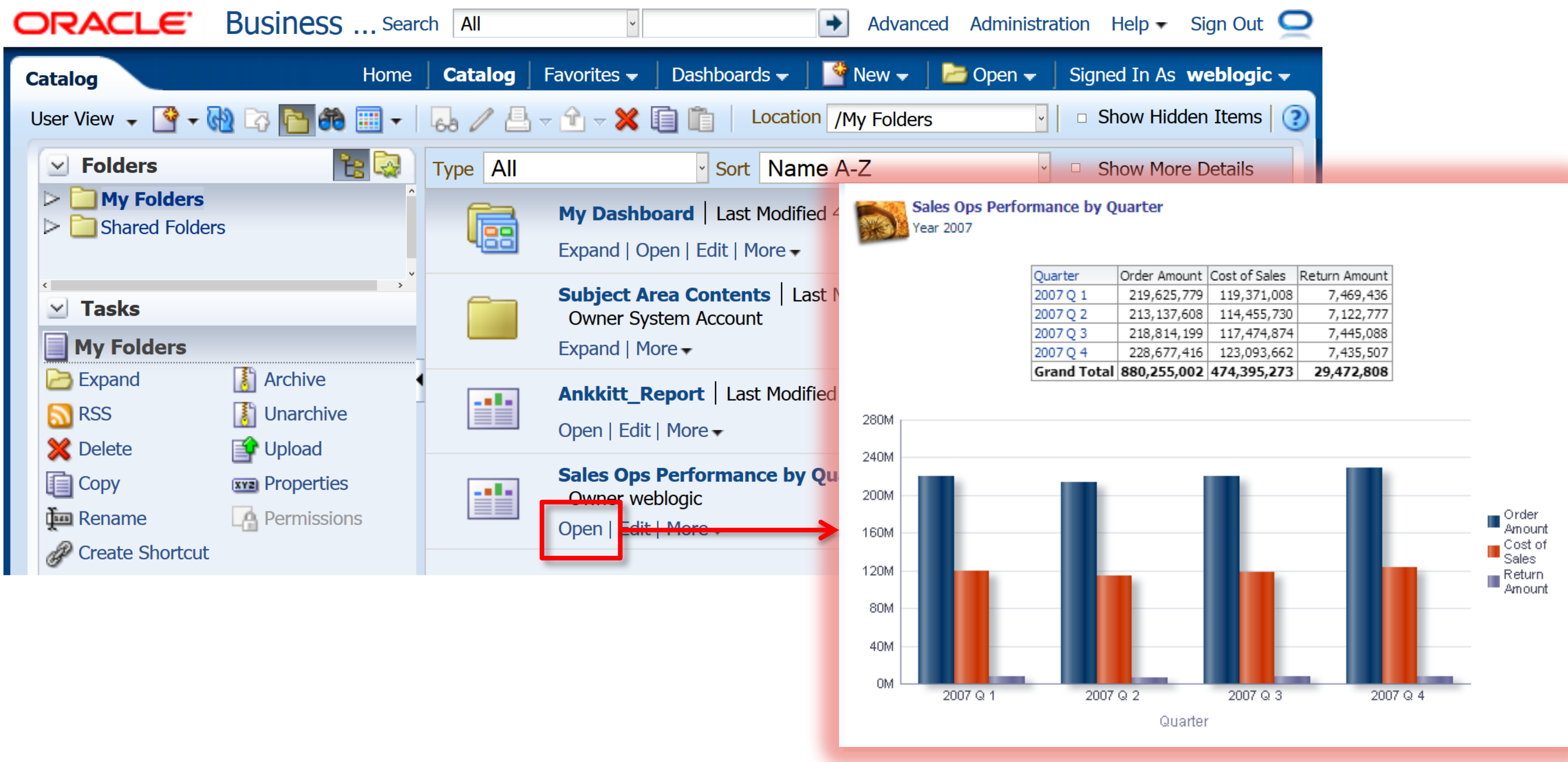
- Save the Analysis using the “**Save**” or “**Save As**” buttons:



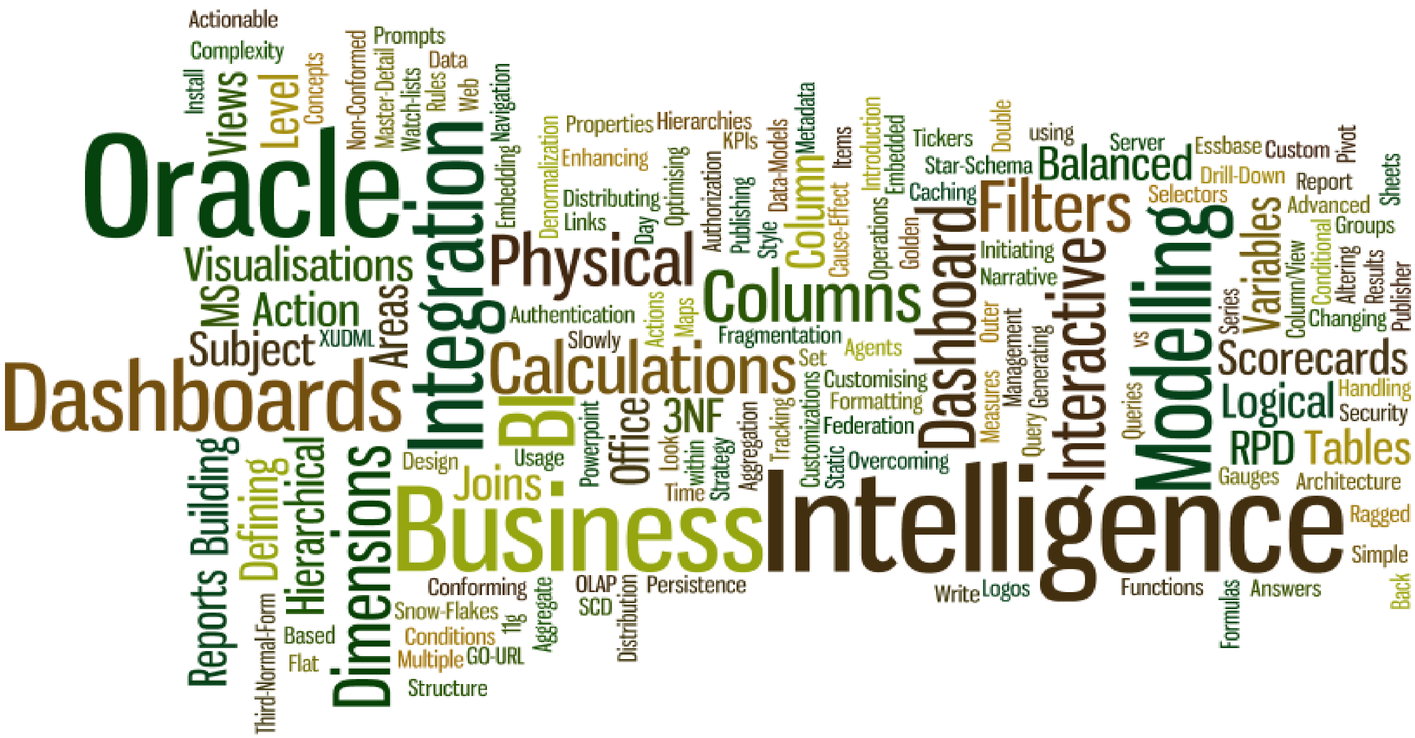
Creating a New Analysis

Browse Catalog for Analysis

- Once the Analysis has been saved, you can open/edit the Analysis via the “Catalog” screen:



Questions?



Actionable
Complexity
Prompts
Data
Install
Views
Level
Concepts
Non-Conformed
Master-Detail
Watch-lists
Rules
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Navigation
Oracle
Integration
Embedding
Denormalization
Properties
Hierarchies
KPIs
Enhancing
Distributing
Links
Optimising
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Authorization
Publishing
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Items
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Double
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Server
Balanced
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Custom
Pivot
Drill-Down
Report
Selectors
Advanced
Groups
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Filters
Initiating
Narrative
Dashboard
Interactive
Modelling
Variables
Series
Column/View
Conditional
Altering
Results
Publisher
Changing
Visualisations
Physical
Columns
MS
Action
Areas
Authentication
Actions
Maps
Fragmentation
Agents
Subject
XUDML
Slowly
Set
Customising
Formatting
Federation
Outer
Management
Generating
Measures
Query
Queries
vs
Scorecards
Handling
Security
Logical
Dashboards
Calculations
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Office
3NF
Look
within
Strategy
Aggregation
Tracking
Customizations
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Overcoming
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Reports
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OLAP
SCD
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Persistence
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PEAK indicators

Helping Your Business Intelligence Journey