

# Micro Strategy Job Interview Questions And Answers



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## Micro Strategy Interview Questions And Answers Guide.

### Question - 1:

In Microstrategy, how can you direct the sql generated to use a specific table?

#### Ans:

This can be achieved by decreasing the logical size of the desired table in such a way that it should be less than other tables. As Microstrategy will look for the table having the least logical size and will make a join with that table.

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### Question - 2:

In Microstrategy, what are Logical Views used for?

#### Ans:

Logical view is just a table (logical table) but it is created in desktop by writing our own SQL as per our requirement based on the physical tables that we import from our database. Once it is created, it acts as a physical table as other physical tables.

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### Question - 3:

In Microstrategy, how can we direct the sql generated to use a specific table?

#### Ans:

We can use the alias name of that table and change the logical size of that alias table. This does not modify the main table and uses the alias table.

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### Question - 4:

Is it possible to Insert and Update a record in the Database through Microstrategy?

#### Ans:

You can do so by ODBC test tool, one of the components of Microstrategy through which you can update, delete or even alter the table specification as per your need.

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### Question - 5:

What are the roles & responsibilities of a Microstrategy developer?

#### Ans:

A developer should know the following things:

- i) how to create public objects (metrics, filters, etc)
- ii) how to create schema objects (attributes, facts)
- iii) how to troubleshoot reports/dashboards

Besides these, if a candidate knows how to write and execute system test cases, that is well and good :)

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### Question - 6:

How to optimize a report in a Microstrategy environment?

**Ans:**

VLDB properties allow you to customize the SQL that MicroStrategy generates, and determine how data is processed by the Analytical Engine.

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**Question - 7:**

How to use value prompt and drag it on to report editor?

**Ans:**

Eg: if you want to display top 5, 10 or 15 ranks.

1. Create a value prompt which will prompt the user to enter the value( to display top n rankers)

2. create a filter to calculate rank and in value field just drag and drop the prompt created above.

Prompt will be tagged to the filter and user will be prompted during execution. Depending on the input provided by the user top n rankers will be displayed

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**Question - 8:**

Suppose I want to get sales data for the last (suppose 10) dates dynamically using value prompt how can i do it and drag it onto report editor?

**Ans:**

You can do it without using value prompt with below steps.

Create a filter on day attribute qualified on ID operator > and set value to resolve dynamically today - last 10 days.

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**Question - 9:**

Difference between standard, absolute and ignore condition in metrics?

**Ans:**

Standard filtering allows the report filter to affect the metric.

Absolute filtering raises the report filter to the level of the target, so all subcategories in the categories included on the report are added together.

Ignore filtering disregards filtering criteria based on the attribute in the target and its related attributes (both parents and children).

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**Question - 10:**

How to do performance tuning on reports?

**Ans:**

For performance tuning there some areas where you need to look and work accordingly.  
like

1) is there sufficient space so that MSTR can create temporary tables.

2) proper filtering condition.

3) proper joining between required tables.

4) VLDB property

5) optimization (manual, logical and global)

its better if go go in the same order....

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**Question - 11:**

How to increase logical size of a table in microstrategy?

**Ans:**

Go to tables in the MSTR .,select the table which u want to increase the logical size dbl click on the table in the table editor at the bottom you have option Logical size there increase logical size and check preserve logical size when updating schema

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**Question - 12:**

what is the difference between documents and dashboards in mstr?

**Ans:**

explain the difference between documents and dashboards in mstr your self

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**Question - 13:**

What is the difference b/w the public object&schema object?

**Ans:**

difference between schema objects n public objects is  
schema objects can be created by using architect permission  
and public objects can be created in desktop and by using  
schema objects only we can create public objects. schema  
obj ex is attributes, facts,hierachies, transpermutations  
public objects ex is metrics, filters,prompts and so on.

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**Question - 14:**

In document how to create metrics?

**Ans:**

we can create only derived metrics in document  
by click insert-> new metric

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**Question - 15:**

How to use consolidations in microstrategy report?

**Ans:**

Consolidations :

Consolidations are used to Specify the data you want to view in your report,and it allows you to group attribute elements in New ways without changing the metadata and warehouse definitions.

Use:

When the client want to view profit values as per season wise for a particular region, in this situation season attribute not available in data so we can create the season consolidation as SEASON = {(SUMMER = FEB+MAR+APR+MAY)+ (SPRINT = JUNE+JULY+AUGUST+SEPTEMBER) + (WINTER = OCTOBER+NOVEMBER+DECEMBER+JAN) };

The above consolidation we can insert into report then it will displays the season wise profit values.....

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**Question - 16:**

How we can create the Intelligent cubes in Microstrategy?

**Ans:**

Intelligent Cubes can be created in microstrategy in public objects folder or in a particular user folder. We can create a report and point the report to a cube or right click in a folder and click on cube option to create a new cube. once the cube is created, choose the report objects (attributes and metrics) which is required and save the cube. once the cube is saved and ran to check without any errors, one can create multiple reports out of a cube. also, you can add new attributes and metrics when ever necessary and those will be readily available when you run the reports next time.

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**Question - 17:**

What is Element cache and give me one example?

**Ans:**

Element cache:

Most recently used lookup table elements that are stored in memory on the intelligence server or MSTR desktop machines. So they can be retrieved more quickly.

Example:

When a user runs a Prompted report containing an attribute element Prompt or a hierarchy prompt,an element is created...

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**Question - 18:**

How many project sources we can create in Metadata?

**Ans:**

We can create number of project sources in Metadata.

But we can access one project source at a time in Microstrategy 8x.

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**Question - 19:**

What is view filter?

**Ans:**



Apply specific filter condition then after we can get the report data set. it is olap. view filter main use viewing purpose for customers.

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### **Question - 20:**

What is static prompt in microstrategy?

#### **Ans:**

Static prompted reports :-  
when report is executed and then we saved that report than it become static with those prompt.  
it means when report executed again than it will not ask for the prompts which are present in it.

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### **Question - 21:**

What are the nulls on microstrategy report and how to mask them?

#### **Ans:**

1)If in this question we want to deal with null in MSTR report than we have some display property in report data option which we can change according to the replacement of null values.

DATA>>REPORT DATA OPTION>>DISPLAY>>NULL VALUES

2)if we want to deal with sql generation of report than there is an option of VLDB property according to your requirement you can deal with sql query of report.

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### **Question - 22:**

What are the advantages of dataset compare to fileset?

#### **Ans:**

Dataset Contains attributes, metrics of the particular Report Only.  
Fileset Contains total tables and information

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### **Question - 23:**

Is it possible to see the data in dataset?

#### **Ans:**

Yes  
Open Warehouse Catalog from Architect. Select that particular DSN. Then it will display available tables in that DSN. Select the particular table and right click on that, select SHOW SAMPLE DATA. then it will show sample data in that data set.

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