

# MS SQL Data Mining Job Interview Questions And Answers



**Interview Questions Answers**

<https://interviewquestionsanswers.org/>

## About Interview Questions Answers

**Interview Questions Answers . ORG** is an interview preparation guide of thousands of Job Interview Questions And Answers, Job Interviews are always stressful even for job seekers who have gone on countless interviews. The best way to reduce the stress is to be prepared for your job interview. Take the time to review the standard interview questions you will most likely be asked. These interview questions and answers on MS SQL Data Mining will help you strengthen your technical skills, prepare for the interviews and quickly revise the concepts.

If you find any **question or answer** is incorrect or incomplete then you can **submit your question or answer** directly with out any registration or login at our website. You just need to visit [MS SQL Data Mining Interview Questions And Answers](#) to add your answer click on the *Submit Your Answer* links on the website; with each question to post your answer, if you want to ask any question then you will have a link *Submit Your Question*; that's will add your question in MS SQL Data Mining category. To ensure quality, each submission is checked by our team, before it becomes live. This [MS SQL Data Mining Interview preparation PDF](#) was generated at **Wednesday 29th November, 2023**

You can follow us on FaceBook for latest Jobs, Updates and other interviews material.  
[www.facebook.com/InterviewQuestionsAnswers.Org](http://www.facebook.com/InterviewQuestionsAnswers.Org)

Follow us on Twitter for latest Jobs and interview preparation guides.  
<https://twitter.com/InterviewQA>

If you need any further assistance or have queries regarding this document or its material or any of other inquiry, please do not hesitate to contact us.

Best Of Luck.

**Interview Questions Answers.ORG Team**  
<https://InterviewQuestionsAnswers.ORG/Support@InterviewQuestionsAnswers.ORG>



# MS SQL Data Mining Interview Questions And Answers Guide.

## Question - 1:

Explain what is Discrete and Continuous data in Data mining world?

### Ans:

Discrete data can be considered as defined or finite data. E.g. Mobile numbers, gender. Continuous data can be considered as data which changes continuously and in an ordered fashion. E.g. age.

[View All Answers](#)

## Question - 2:

Can you explain what is MODEL in Data mining world?

### Ans:

Models in Data mining help the different algorithms in decision making or pattern matching. The second stage of data mining involves considering various models and choosing the best one based on their predictive performance.

[View All Answers](#)

## Question - 3:

Do you know how does the data mining and data warehousing work together?

### Ans:

Data warehousing can be used for analyzing the business needs by storing data in a meaningful form. Using Data mining, one can forecast the business needs. Data warehouse can act as a source of this forecasting.

[View All Answers](#)

## Question - 4:

Explain what are different stages of "Data mining"?

### Ans:

Exploration: This stage involves preparation and collection of data. It also involves data cleaning, transformation. Based on size of data, different tools to analyze the data may be required. This stage helps to determine different variables of the data to determine their behavior.

Model building and validation: This stage involves choosing the best model based on their predictive performance. The model is then applied on the different data sets and compared for best performance. This stage is also called as pattern identification. This stage is a little complex because it involves choosing the best pattern to allow easy predictions.

Deployment: Based on model selected in previous stage, it is applied to the data sets. This is to generate predictions or estimates of the expected outcome.

[View All Answers](#)

## Question - 5:

Please differentiate between Data Mining and Data warehousing?

### Ans:

Data warehousing is merely extracting data from different sources, cleaning the data and storing it in the warehouse. Whereas data mining aims to examine or explore the data using queries. These queries can be fired on the data warehouse. Exploring the data in data mining helps in reporting, planning strategies, finding meaningful patterns etc.

E.g. a data warehouse of a company stores all the relevant information of projects and employees. Using Data mining, one can use this data to generate different reports like profits generated etc.

[View All Answers](#)

## Question - 6:

Do you know what are OLAP and OLTP?

### Ans:



OLTP: Online Transaction and Processing helps and manages applications based on transactions involving high volume of data. Typical example of a transaction is commonly observed in Banks, Air tickets etc. Because OLTP uses client server architecture, it supports transactions to run cross a network.

OLAP: Online analytical processing performs analysis of business data and provides the ability to perform complex calculations on usually low volumes of data. OLAP helps the user gain an insight on the data coming from different sources (multi dimensional).

[View All Answers](#)

### Question - 7:

What is Rollup and cube?

#### Ans:

Custom rollup operators provide a simple way of controlling the process of rolling up a member to its parents values. The rollup uses the contents of the column as custom rollup operator for each member and is used to evaluate the value of the member's parents.

If a cube has multiple custom rollup formulas and custom rollup members, then the formulas are resolved in the order in which the dimensions have been added to the cube.

[View All Answers](#)

### Question - 8:

Tell me what are CUBES?

#### Ans:

A data cube stores data in a summarized version which helps in a faster analysis of data. The data is stored in such a way that it allows reporting easily.

E.g. using a data cube A user may want to analyze weekly, monthly performance of an employee. Here, month and week could be considered as the dimensions of the cube.

[View All Answers](#)

### Question - 9:

Explain what are the different problems that "Data mining" can solve?

#### Ans:

Data mining can be used in a variety of fields/industries like marketing, advertising of goods, products, services, AI, government intelligence.

The US Federal Bureau of Investigation uses data mining for screening security and intelligence for identifying illegal and incriminating e-information distributed over internet.

[View All Answers](#)

### Question - 10:

What is Data purging?

#### Ans:

Deleting data from data warehouse is known as data purging. While loading data into staging or in the target table fresh data loading may be needed every time. In this scenario, data purging is needed to stage or target table prior to loading fresh data. Usually junk data like rows with null values or spaces are cleaned up. Data purging is the process of cleaning this kind of junk values.

[View All Answers](#)

### Question - 11:

Do you know the storage models of OLAP?

#### Ans:

MOLAP Multidimensional Online Analytical processing

In MOLAP data is stored in form of multidimensional cubes and not in relational databases.

Advantage

Excellent query performance as the cubes have all calculations pre-generated during creation of the cube.

Disadvantages

It can handle only a limited amount of data. Since all calculations have been pre-generated, the cube cannot be created from a large amount of data.

It requires huge investment as cube technology is proprietary and the knowledge base may not exist in the organization.

ROLAP Relational Online Analytical processing

The data is stored in relational databases.

Advantages

It can handle a large amount of data and

It provides all the functionalities of the relational database.

Disadvantages

It is slow.

The limitations of the SQL apply to the ROLAP too.

HOLAP Hybrid Online Analytical processing

HOLAP is a combination of the above two models. It combines the advantages in the following manner:

For summarized information it makes use of the cube.

For drill down operations, it uses ROLAP.

[View All Answers](#)

# MS SQL Server Most Popular & Related Interview Guides

- 1 : [SQL Server Database Administrator Interview Questions and Answers.](#)
- 2 : [SQL Server Service Broker Interview Questions and Answers.](#)
- 3 : [SQL Server Locks Interview Questions and Answers.](#)
- 4 : [SQL Server Constraints Interview Questions and Answers.](#)
- 5 : [SSIS Interview Questions and Answers.](#)
- 6 : [SQL Server Architecture Interview Questions and Answers.](#)
- 7 : [MS SQL Server Indexes Interview Questions and Answers.](#)
- 8 : [MS SQL Server 2008 Interview Questions and Answers.](#)
- 9 : [SQL Database Concepts Interview Questions and Answers.](#)
- 10 : [MS SQL Server XML Integration Interview Questions and Answers.](#)

Follow us on FaceBook

[www.facebook.com/InterviewQuestionsAnswers.Org](http://www.facebook.com/InterviewQuestionsAnswers.Org)

Follow us on Twitter

<https://twitter.com/InterviewQA>

For any inquiry please do not hesitate to contact us.

Interview Questions Answers.ORG Team

[https://InterviewQuestionsAnswers.ORG/  
support@InterviewQuestionsAnswers.ORG](https://InterviewQuestionsAnswers.ORG/support@InterviewQuestionsAnswers.ORG)