

# Data Warehouse Analyst Interview Questions And Answers Guide.



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# Data Warehouse Analyst Job Interview Preparation Guide.

## Question # 1

Explain What is a View as it relates to system modeling?

### Answer:-

A view organizes diagrams into logical groups to describe a particular aspect of the system. It is the abstraction of the system organized in such a way as to give a perspective of a related set of concerns.

The purpose of using views as a business analyst is to enable the analyst to comprehend very complex systems, and to organize the problem or solution domain around specific areas of expertise. The audience interested in each view may vary based on their roles and experience. A subject matter expert from the business will ask different questions and have different concerns than a developer or system architect. Views help present the information in an easily digestible manner.

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## Question # 2

Explain What is analytical or analytic mean?

### Answer:-

If someone is analytical then it means the person is always thinking about things - analyzing, pondering, etc. A person who is analytical will have all of the facts about something before doing it.

Analytical is one of the 4 types of people. The other 3 are Promoters, Supporters and Controllers. Most everyone has a portion of every personality trait, but resembles 1-2 for the majority.

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## Question # 3

Explain about an assignment you worked on in which you had to amass a huge amount of data, and then analyze it?

### Answer:-

You should be able to explain how they can compile facts and figures for preliminary analysis, derive relevant facts and information from the study of this data.

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## Question # 4

Explain What is Cost Benefit Analysis (CBA)?

### Answer:-

Cost Benefit Analysis is a technique used to determine if the financial benefits of a project outweigh the associated cost of undertaking the project in the first place. For a short term project where the benefit may be an immediate one-time cash windfall this may be as simple as subtracting the total of all the project cost from the total of all of the project benefits. If the total is positive, then the project may be worth completing.

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## Question # 5

What is the 4 + 1 View Model as it relates to system modeling?

### Answer:-

The 4 + 1 View Model is a predefined set of views for organizing the design and architecture of a system. It was developed in 1995 by Philippe Kruchten, formerly the Director of Process Development at Rational Software.

The 4 + 1 View Model gets its name from the 4 primary views and 1 supporting view that are used to capture and communicate different aspects of the system.

The 4 primary views are:

\* Logical View: this view describes the functionality of the system in terms of its static structure and dynamic behavior.

\* Development View: this view describes the system from a programmer's perspective and is concerned with the organization of physical code, its main modules, and their dependencies.

\* Process View: this view focuses on the runtime behavior of the system and the elements of the system that relate to process performance. It includes aspects important to scalability, throughput, and process response times to name a few.

\* Physical View: this view shows the system from a system engineer's point-of-view. It is concerned with the deployment of software components across the physical architecture including computers and devices, as well as communication between these components.

The 1 supporting view is:

\* Use Case View: this view describes the functionality of the system from the perspective of external actors.



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### Question # 6

Explain Have you ever been in a real dilemma at work? What did you do to get out of it?

**Answer:-**

You should hear answers that show the job seeker has sound analytical skills to solve any problem analyzes problems in great detail to come up with a solution.

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### Question # 7

What is your spectra photometer working principles?

**Answer:-**

explain your spectra photometer working principles

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### Question # 8

Explain What is the difference between a Primary and Secondary Actor in Use Case Modeling?

**Answer:-**

Use Case modeling is used to diagrammatically depict a system and those people or processes that interact with it. This system can be a business system (a process) or an application system (computer or web based). To understand the scope of the system under consideration a system boundary is used. Anything depicted within the system boundary is part of the system under consideration, while anything outside of it is not. Use cases are then used to define a group of user-system interactions that together deliver value to the user of the system. These users are called actors.

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### Question # 9

Explain about a task that really tested your analytical abilities?

**Answer:-**

You should mention a time where he/she had to use reason and logic to resolve a problem. Job seeker may have analyzed all the relevant information and created a good, effective solution.

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### Question # 10

Explain Is it the job of a business analyst or systems analyst to draw the class diagram?

**Answer:-**

It depends, it depends, and it depends!

As for most questions in business analysis, there isn't only one answer. Whose job is to create a class diagram depends on the purpose of the class diagram.

First of all, the question implies that there is only one class diagram for a given project: 'The Class Diagram'. For the most part, this is not the case. On some projects there may be a multitude of class diagrams while in others there may be none.

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### Question # 11

Explain and tell me about a situation where your analysis of a problem was deemed to be incorrect? What would you have done differently?

**Answer:-**

You should have the character to admit mistakes. Also clarify about your work. Were the steps he took correct? More importantly, has he/she learned from this mistake?

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### Question # 12

Explain What sort of existing documents should Business Analysts refer to when starting on a new project?

**Answer:-**

Few analysts are brought on to a project at the very beginning. For those that are, they will often have a hand in creating some of the important documents that other analysts should reference when they first join.

First, get your hands on the project charter. The project charter, while high level, will provide critical information on the project.

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### Question # 13

Explain What task is 98% of the required work of a Business Analyst?

**Answer:-**

The Your don introductory class on data flow diagramming used to (still does?) teach that 98% of the required work in requirements specification revolved around a single task. What is that task?

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### Question # 14

What is a Data Warehouse?

**Answer:-**

Data Warehouse

Data from different data sources is stored in a relational database for end use analysis

Data from different data sources is stored in a relational database for end use analysis Data is organized in summarized, aggregated, subject oriented, non volatile patterns.

Data in a data warehouse is consolidated, flexible collection of data Supports analysis of data but does not support online analysis of data.

Data from different data source is stored in a relational database for end use analysis

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**Question # 15**

Explain Which are the OLAP tools available that are supported by Oracle?

**Answer:-**

Oracle Warehouse Builder is ETL Tool its not OLAP Tool.

The OLAP Tool is Oracle Discoverer the version is 3i and 4i.

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**Question # 16**

Explain about a time when you discovered a more efficient way to do a work task?

**Answer:-**

You should be able to identify a time where he/she was having difficulty with a work task, found a way to rectify the faults and work more efficiently.

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**Question # 17**

Explain SWOT Analysis?

**Answer:-**

SWOT Analysis is a strategic planning technique used to assess the internal and external environment in which a company operates and competes. Internal environmental factors are classified into strengths and weaknesses, while external environmental factors are classified into opportunities and threats.

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**Question # 18**

Explain about a tricky situation for which you found a very simple solution?

**Answer:-**

Your answer should show that they are a problem solver, that they can analyze all the information, and come up with a solution.

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**Question # 19**

Suppose I am loaded with questions as I am an experienced ETL coder, but not an analytical report builder. I am using analysis services to build a cube but am trying to choose the reporting architecture. Can someone please confirm whether or not reporting services (using the business intelligence report) will allow for slicing and dicing, or is it only a static report builder. Also, if I am using the cube browser in analysis services, where can I put the option of NON EMPTY so that I dont see records that are blank.?

**Answer:-**

Reporting services allows the slicing and dicing functionality. to see the non empty records, i think you have to create a calculated measure, to hide all the non empty rows.

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**Question # 20**

Explain What is the difference between Business Requirement Document and Use case Document. What is the difference.

I need a good BRD and UC template?

**Answer:-**

BRD Describes the business information of the client. once we are clear abt BRD of the client then only we can create more accurate solutions. this is the initial document that helps to create Business models in Cognos and ReportNet. Actually this information we are getting by KT (Knowledge Transfer) session.

Usecase Document helps to create test case document during unit testing. actually use case document contains test case id and i/p values that should use during testing, we are using this id only in Test case document instead of specifying all these i/p values and some other, that id itself describing all that. so we can say use case is the foundation document for test case document.

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**Question # 21**

Explain As a BA (business analyst) approaching a new piece of work, who would you interview and what questions would you ask?

**Answer:-**

For any new piece of work a BA (business analyst) needs to know

1. who are the key stakeholders (i.e. those who can kill the project)
2. what are the key stakeholders specific and measurable measures of success (i.e. their objectives) and what VALUE for each objective MUST be achieved in order for the project to be considered a success (e.g. increase sales per order value by 5%)
3. what are the key stakeholders unmeasured measures of success (i.e. their principles that they would like to see happen but aren't going to measure and so the project cannot be assessed by them - e.g. an intuitive solution)
4. what are the key stakeholders high level requirements (i.e. what capabilities do they expect the solution to deliver - e.g. the ability to offer add-on sales during the



order taking process)

5. what is in scope of the work in terms of processes, organization units, locations, data, applications, technology

6. what is the scope of the work in terms of time, money, project resources (people and materials)

7. who will the stakeholders nominate for determining further high level requirements and detailed requirements (e.g. subject or domain experts, middle management of operational teams, etc)

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- 2 : [Ab Initio Frequently Asked Interview Questions and Answers Guide.](#)
- 3 : [Informatica Data Warehousing Frequently Asked Interview Questions and Answers Guide.](#)
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