

A data warehouse is:

- ☒ A database storing aggregate data, typically for executives.
- ☐ A data schema representing data (but not actually storing them), typically for executives.
- ☐ Any data source that can provide business insights.
- ☐ Any integrated set of data sources (internal or external).

Why is information loaded in a datawarehouse for analytical purposes?

- ☒ To overcome technical performance issues.
- ☐ To prevent access to the operational database.
- ☐ To overcome organizational barriers to data sharing.
- ☒ To enable interactive approaches to data analysis (quasi real-time).

SAP ECC is the ERP of SAP, which of the following are modules of SAP ECC, and to which business area are related?

- ☐ SD: containing information about stock and distribution of materials
- ☒ FI: containing financial documents of the company
- ☒ SD: containing information about sales and distribution
- ☒ PP: containing information for production planning

25. Which of the following are BW objects in BW4Hana? *
(4/4 Points)

- ☒ Infoobjects ✓
- ☒ ADSO ✓
- ☐ Infocube
- ☒ Composite Providers ✓

2. Which of the following are BW objects in BW4Hana? *
(0/4 Points)

- ☒ Infoobjects ✓
- ☐ Composite Providers ✓

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BIS1 Exam, June 15, 2021

- ☐ ADSO ✓
- ☒ Infocube

10. The structure of a data warehouse is typically set to more levels, with a partial replication of the information between one level and the next. Which is the typical one? *
(4 punti)

- ☐ First level or Staging Area; Second Level or Data Warehouse
- ☐ First level or Staging Area; Second Level or Data Mart
- ☐ First level or Staging Area; Second Level or Reporting Layer
- ☐ First level or Staging Area; Second Level or Data Warehouse; Third Level or Data Mart ✓

7. What is (are) the purpose(s) of an ETL procedure? *
(4 punti)

- ☐ Allow to register documents of different business areas in a single database
- ☐ Extract data from a source, perform data modeling and upload data in a target structure ✓
- ☐ Allow analytics on different data sources simultaneously
- ☐ Extract data from a system to import them in a different one ✓

21. What is the difference between the datamart and the staging layer in an EDWH (Enterprise Datawarehouse)? *
(4/4 Points)

- ☒ The staging layer is where data are imported at first, its structure definition is driven by the source system. In the Datamart the structure definition is driven by analysis requirements. ✓
- ☐ The staging layer is where data are imported at first, in both staging and datamart layer the structure definition is driven by the source system.
- ☐ The staging layer a first data integration is performed as test, then data are imported from the source system into the datamarts directly is where data are imported at first, in both staging and datamart layer the structure definition is driven by the source system
- ☐ The staging layer is where data are imported at first, in both staging and datamart layer the structure definition is driven by analysis requirements.

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- ☒ First level or Staging Area; Second Level or Data Warehouse; Third Level or Data Mart ✓

Whic of the following are BW objects in BW4Hana?

- [x] Infoobjects
- [] Infocube
- [x] Composite Providers
- [x] ADSO

Please, tick correct statement(s) on the EDWH (Enterprise DataWareHouse).

- [x] Allow to integrate and model data from different sources to perform business analytics
- [] The structure of an EDWH is typically set on one level, the datamart.
- [x] The structure of an EDWH is typically set to more levels, with a partial replication of the information between one level and the next.
- [] The staging layer is where data are imported at first, in both staging and datamart layer the structure definition is driven by analysis requirements.

What is (are) the purpose(s) of an ETL procedure?

- [] Allow to register documents of different business areas in a single database
- [x] Extract data from a source, perform data modeling and upload data in a target structure
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The structure of a data warehouse is typically set to more levels, with a partial replication of the information between one level and the next. Which is the typical one?

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				Application Maintenance
7	Assistant-Lieto	Single	What is SAP BW?	A SAP Business Warehouse (BW) is the Database, inside the SAP offering, thought for Business Intelligence initiatives
				B SAP Business Warehouse (BW) is the tool, inside the SAP offering, thought for Business Intelligence initiatives
				C SAP Business Warehouse (BW) is the tool, inside the SAP offering, thought for Business Intelligence Data Visualization initiatives
				D SAP Business Warehouse (BW) is the database, inside the SAP offering, thought for Business Intelligence Data Visualization initiatives

21. Which of the following is a true statement about EDWH (Enterprise Datawarehouse)? *
(0/4 Points)

- ☒ The structure of an EDWH is typically set to more levels, with a partial replication of the information between one level and the next. ✓
- ☐ The structure of an EDWH is typically set on one level, the datamart.
- ☐ The staging layer is where data are imported at first, in both staging and datamart layer the structure definition is driven by source structures
- ☐ The staging layer is where data are imported at first, in the datamart layer the structure definition is driven by analysis requirements. ✓

24. Which of the following are true about EDWH (Enterprise Datawarehouse)? *
(0/4 Points)

- ☐ The structure of an EDWH is typically set on one level, the datamart.
- ☒ The structure of an EDWH is typically set to more levels, with a partial replication of the information between one level and the next. ✓
- ☐ The staging layer is where data are imported at first, in both staging and datamart layer the structure definition is driven by analysis requirements.
- ☐ Allow to integrate and model data from different sources to perform business analytics ✓

10. Why is information loaded in a datawarehouse for analytical purposes? *
(0/4 Points)

- ☒ To prevent access to the operational database.
- ☐ To enable interactive approaches to data analysis (quasi real-time). ✓
- ☐ To overcome organizational barriers to data sharing.
- ☐ To overcome technical performance issues. ✓

24. Why is information loaded in a datawarehouse for analytical purposes? *
(4/4 Points)

- ☒ To enable interactive approaches to data analysis (quasi real-time). ✓
- ☒ To overcome technical performance issues by reducing data access latency. ✓
- ☐ To prevent access to the operational database.
- ☐ To overcome organizational barriers to data sharing.

8. In a company with three BW environment (development, quality and production), what is the purpose of the production environment? *
(4/4 Points)

- ☒ The production environment is where final users have access and can see data with no developments ongoing ✓
- ☐ The production environment is never used
- ☐ The production environment is used to create new structures and upload more consistent data than in the development environment
- ☐ The production environment is used to test the developments

9. SAP ECC is the ERP of SAP, which of the following are modules of SAP ECC, and to which business area are related? *
(4 punti)

- ☐ SD: containing information about stock and distribution of materials
- ☐ FI: containing financial documents of the company ✓
- ☐ SD: containing information about sales and distribution ✓
- ☐ PP: containing information for production and planning ✓

All the options are :
SD: sales and demand
MM: material management
PP: production planning
FI: financial accounting
CO:controlling

3. In a company with three BW environment (development, quality and production), what is the purpose of the quality environment? *

(4/4 Points)

- ☐ The quality environment is used to create new structures and upload more consistent data than in the development environment
- ☒ Objects are transported to the quality environment before the release in the production one. The purpose is to test the release and the objects before transporting in the production environment. ✓
- ☐ The quality environment is never used
- ☐ Objects are transported to the quality environment after the release in the production one.
- ☐ The purpose is to have a double check on the output and to perform adjustments and test in the quality environment.

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BIS 1 - Test your skills

- ☐ SD: containing information about stock and distribution of materials
- ☒ FI: containing financial documents of the company ✓
- ☒ SD: containing information about sales and distribution ✓
- ☒ PP: containing information for production planning ✓