[DT 2025] Quiz Q5 - 13-5-2025- Datawarehouses and Project Management

Time available 10 minutes

* Obbligatoria

* Questo modulo registrerà il tuo nome, inserire il nome.

[   ]

1. Enter your Last name and Name *

[   ]

2. In traditional IT project management (Waterfall model), when is testing typically conducted?
   (1 punto)

   ○ Continuously throughout the project

   ○ During the design phase

   ○ At the beginning of the project

   ○ After the implementation phase

3. Why deduplication is needed in datawarehousing? (1 punto)

   ○ a data management policy has not been adopted

   ○ considering the same data more than once affects the results of the analysis

   ○ identifiers are not unique

4. In a roll up operation (1 punto)

   ○ a dimension is removed

   ○ a filter is applied to a dimension

   ○ a dimension is added

5. When a slice operation is performed in SQL (1 punto)

○ the SELECT condition must contain DISTINCT

○ the FROM clause do not contain all tables for data in the N-cube

○ the WHERE condition contains a filter of values in a dimension

6. What are the three sides of the "golden triangle" in project management? (1 punto)

○ Planning, Execution, Monitoring

○ Cost, Time, Quality

○ Scope, Communication, Budget

○ Resources, Stakeholders, Deliverables

7. Which role in SCRUM is responsible for ensuring that the team adheres to SCRUM practices and principles? (1 punto)

○ Project Sponsor

○ Scrum Master

○ Development Team

○ Product Owner

8. According to Mendelow's Stakeholder Matrix, stakeholders with high power and low interest should be: (1 punto)

○ Monitored with minimal effort

○ Kept informed

○ Kept satisfied

○ Managed closely

9.
A fact in a datawarehouse is
(1 punto)

○ data extracted from the original sources and prepared with data cleaning operations and transformation operations to have data in a common format

○ raw data as extracted from the original sources

○ data extracted from the original sources, prepared and transformed considering also the analysis dimensions

10. Which of the following is NOT one of the ten knowledge areas identified by PMBOK for successful project management? (1 punto)

○ Project Sales Management

○ Project Time Management

○ Project Scope Management

○ Project Stakeholder Management

11. What does the RACI matrix stand for in project management? (1 punto)

○ Responsible, Accountable, Communicative, Involved

○ Responsible, Assigned, Consulted, Involved

○ Responsible, Accountable, Consulted, Informed

○ Resourced, Accountable, Consulted, Informed

12. What is contained in the staging area in a datawarehouse architecture? (1 punto)

○ metadata

○ temporary tables for data preparation

○ cleaned data

13. What is the primary focus of the Work Breakdown Structure (WBS)? (1 punto)

○ Stakeholder engagement

○ Scheduling and timelines

○ Budget and costs

○ Hierarchical decomposition of project scope

14. Which technique is NOT a cost estimation method mentioned in the handout? (1 punto)

○ Parametric Estimation

○ Analogous Estimation

○ Monte Carlo Estimation

○ None of the above

15. Which of the following is an appropriate level of detail for the finest granularity for time in a statistical database at country level? (1 punto)

○ day

○ decade

○ year

16. In a relational star model for a datawarehouse, given 5 analysis dimensions, how many relational tables will be created? (1 punto)

○ 6 tables

○ one table

○ 5 tables