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EXAM CLOUD DIGITAL LEADER TOPIC 1 QUESTION 176 DISCUSSION

Actual exam question from Google's Cloud Digital Leader

Question #: 176

Topic #: 1

[All Cloud Digital Leader Questions]

An organization has created a medical fitness app and wants to store a very large amount of data about exercise times, activity, and calories burned for later analysis.

Which data management solution should the organization use?

- A. Data lake
- B. Data warehouse
- C. Data field
- D. Database

Show Suggested Answer

by 🖰 DPonly at *Jan. 28, 2023, 4:55 p.m.*

Comments

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	Emma412 Highly Voted 🕩 1 year, 2 months ago
	Selected Answer: B
	I strongly think that B is the correct answer
	Reasoning:
	I read an article from Qlik.com that compares DataLake and DataWarehouse.
	In that i noticed 2 factors that bring out the difference.
	 DataLake better at handling unstructured Data whereas Datawarehouse is better at structured data DataLake shines are real-time analytics and nothing is said about real-time analytics for Datawarehouse.
	in the given question the data is primarily structured and explicitly mentions that data is required for analysis "Later". hence E
	should be the correct match/answer.
	upvoted 7 times
	gyenesge Most Recent 1 1 months, 2 weeks ago
	Selected Answer: B
	Datawarehouse is good for analysis. Datalake is more for storing semistructured data, or data in raw format.
	upvoted 2 times
	chai_gpt 11 months, 3 weeks ago
	Selected Answer: B
	B. Data warehouse is correct. Because the data about exercise times, activity, and calories burned etc. falls under either
	structured data or semi-structured data which data warhouse (like BigQuery) can handle really well. And it is mentioned in question that data is needed for later analysis. Data warehouse (like BigQuery) can help in this analysis.
	chai_qpt 11 months, 3 weeks ago
	B. Data warehouse is correct. Because the data about exercise times, activity, and calories burned etc. falls under either
	structured data or semi-structured data which data warhouse (like BigQuery) can handle really well. And it is mentioned in
	question that data is needed for later analysis. Data warehouse (like BigQuery) can help in this analysis.
	upvoted 2 times
	rajan 1 year ago
	Selected Answer: A
	A. Data lake
	A data lake is a centralized repository that stores all types of data, including structured, semi-structured, and unstructured
	data. Data lakes are often used to store large amounts of data for later analysis.
	upvoted 1 times
	Laycee101 1 year, 1 month ago
	B is the correct answer here
	upvoted 2 times
Е	♣ Dinraj 1 year, 2 months ago
	Selected Answer: B
	I would go for B
	upvoted 2 times
Е	inner4444 1 year, 4 months ago
	Selected Answer: A
	Based on Al's answer it's A - data lake
	upvoted 2 times
	□ ♣ inner4444 1 year, 3 months ago
	because the data comes from the fitness app, it's most likely a structured data, I will change my answer to B
	upvoted 1 times
	andr31 1 year, 5 months ago
	Selected Answer: B
	The data that the fitness company wants to store is structured and/or semi-structured and there's no mention of BLOBs or
	anything like that. The answer is B.
	upvoted 2 times
Е	hita97 1 year, 6 months ago
	Selected Answer: A
	Data warehouse stores transformed data. For storing purpose Data Lake can be used
	upvoted 1 times
	Llovin 1 year 6 months and

- FICAIP I Year, O IIIOIIIIIO ago

Selected Answer: A

An organization that has created a medical fitness app and wants to store a very large amount of data about exercise times, activity, and calories burned for later analysis should use a data lake (A). A data lake is a centralized repository that allows organizations to store all their structured and unstructured data at any scale. Data can be stored in its raw form and can be analyzed later using big data processing tools.

upvoted 4 times

🗏 🌡 BTAB 1 year, 8 months ago

Selected Answer: B

Agree on B. Since there is no requirement for semi-structured and unstructured data in raw form, and the data mentioned in the question large amounts of structured data, I would go with Data Warehouse.

upvoted 2 times

🗖 🏜 CarloGiovanni 1 year, 5 months ago

however, all data is structured so a warehouse fits better

upvoted 1 times

😑 🏝 guilhermemls 1 year, 8 months ago

Selected Answer: B

I would choose Data Warehouse as it is a solution to store Big Data and serve it for analytics services. For example, BigQuery has an ML solution embedded on it.

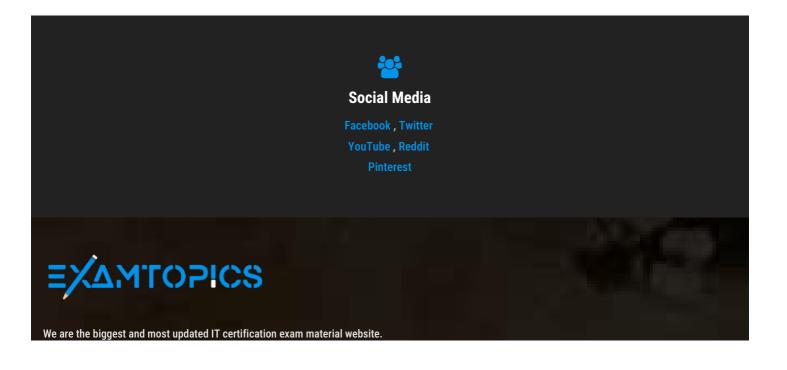
upvoted 2 times

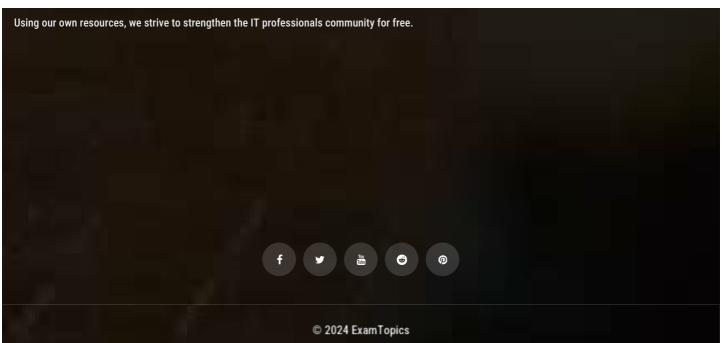
■ DPonly 1 year, 9 months ago

option A, as current requirement is storing data

upvoted 1 times

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