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📄 EXAM PROFESSIONAL DATA ENGINEER TOPIC 1 QUESTION 246 DISCUSSION

Actual exam question from Google's Professional Data Engineer

Question #: 246

Topic #: 1

[All Professional Data Engineer Questions]

You have one BigQuery dataset which includes customers' street addresses. You want to retrieve all occurrences of street addresses from the dataset. What should you do?

A. Write a SQL query in BigQuery by using REGEXP_CONTAINS on all tables in your dataset to find rows where the word "street" appears.

B. Create a deep inspection job on each table in your dataset with Cloud Data Loss Prevention and create an inspection template that includes the STREET_ADDRESS infoType.

C. Create a discovery scan configuration on your organization with Cloud Data Loss Prevention and create an inspection template that includes the STREET_ADDRESS infoType.

D. Create a de-identification job in Cloud Data Loss Prevention and use the masking transformation.

Show Suggested Answer

by 👤 **scaenruy** at *Jan. 3, 2024, 2:26 p.m.*

Comments

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raaad `Highly Voted` 10 months ago

Selected Answer: **B**

- Cloud Data Loss Prevention (Cloud DLP) provides powerful inspection capabilities for sensitive data, including predefined detectors for infoTypes such as STREET_ADDRESS.
- By creating a deep inspection job for each table with the STREET_ADDRESS infoType, you can accurately identify and retrieve rows that contain street addresses.

upvoted 6 times

josech `Most Recent` 5 months, 2 weeks ago

Selected Answer: **B**

https://cloud.google.com/sensitive-data-protection/docs/learn-about-your-data#inspection

upvoted 2 times

JyoGCP 8 months, 2 weeks ago

Selected Answer: **B**

Option B

upvoted 1 times

AllenChen123 9 months, 3 weeks ago

Why not C? Discovery scan configuration can also help to identify risk/sensitivity fields.

upvoted 1 times

> **datapassionate** 9 months, 3 weeks ago
>
> In the question we need to retrieve all occurances of street adresses from the dataset. In C you create discovery confiuration plan on whole organization. Its not needed.
>
> upvoted 4 times
>
> > **mdell** 4 months, 2 weeks ago
> >
> > This. C scans EVERYTHING in the org when all we want is the dataset
> >
> > upvoted 1 times

Matt_108 9 months, 3 weeks ago

Selected Answer: **B**

Option B - you want to retrieve ALL occurrences within the dataset

upvoted 3 times

scaenruy 10 months ago

Selected Answer: **B**

B. Create a deep inspection job on each table in your dataset with Cloud Data Loss Prevention and create an inspection template that includes the STREET_ADDRESS infoType.

upvoted 2 times