



Google Bigtable integration with Leading Data Privacy platform

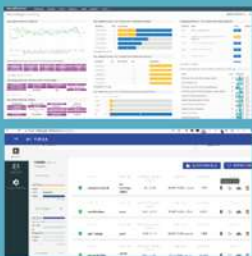


Google Bigtable

Connector app tries to establish The Google API returns the requested data from the scan

Connector App request the data to data source and make data source call through Google API

PII data Scanning Application



Connector App request the data and process the response and send it to customer platform



Connector App

Customer triggers a call to initiate data scan on Google Bigtable



Customer

Customer is a leading Personal Data Privacy and Protection provider.

It enables advanced machine learning and identity intelligence to help enterprises better protect their customer and employee data at petabyte scale.

It identifies all PII across structured, unstructured, cloud & Big Data.



Requirement

Customer demanded a connector app to integrate their platform with google big table. Connector app will parse data from big table and normalize it in the required format.



Technology Solution

- Google Big-table is a non-relational, distributed and multidimensional data storage mechanism built on the proprietary Google Storage technologies for most of the company's online and back-end application/products. It provides scalable data architecture for very large database infrastructures.

Sacumen developed the connector app to integrate data store using java. The connector app performs the following actions:

- Set up the prerequisites
 - Setup Google Big Table Developer login
 - Create Big Table instance on google cloud.
 - Or Big Table store with credential

Authentication is done by JSON file, which you can create and download from google cloud account.

- Collect the schema/table information to scan
- Normalize the data.

