Indexing

Index allows to make filters and/or ordering faster. Suppoe we have multiple events for an object in the same source database.

Can we create index in BigQuery?

BigQuery now supports the creation of search indexes and a SEARCH function. This enables us to use Google Standard SQL to efficiently find data elements in unstructured text and semi-structured data.

## Create a search index

To create a search index, use the [CREATE SEARCH INDEX](https://cloud.google.com/bigquery/docs/reference/standard-sql/data-definition-language#create_search_index_statement) DDL statement. You can create a search index on these column types:

* STRING
* ARRAY<STRING>
* STRUCT containing at least one nested field of type STRING or ARRAY<STRING>
* JSON

https://cloud.google.com/bigquery/docs/search-index

**Array**

Can store a list of items with same data type.