ABSTRACT

Embodiments of the present disclosure provide a column store method, a device, a computer program product, and a storage medium. On the premise that normal provision of an online service based on row store is maintained, a stock stream and an increment stream may be pulled in parallel. A column store file and a first primary key index can be generated by pulling the stock stream. A data operation performed on a target data table and monitored during the pulling is synchronized, to pull the increment stream. In this way, an incremental file and a second primary key index can be generated, and consistency between column store and row store in terms of increment can be ensured. Furthermore, based on the data operation monitored during the pulling, a to-be-deleted primary key can be recorded for the first primary key index. In response to an end of the pulling, the first primary key index and the second primary key index are combined into a target primary key index, and the target primary key index and the column store file are corrected based on the to-be-deleted primary key. This can ensure consistency between the column store and the row store in terms of stock.

Fig. 1