

COLUMN DATA COMPRESSION

ABSTRACT

This specification provides a column data compression method and apparatus, and a storage medium. The method includes: separately encoding a column data in a plurality of encoding
5 schemes at a column level, to obtain at least one data stream corresponding to each encoding scheme; determining a target encoding scheme in which smallest storage space is occupied in the plurality of encoding schemes; determining a target compression algorithm with a highest compression rate at a stream level; and compressing at least one target data stream corresponding to the target encoding scheme based on the target compression algorithm, and storing compressed
10 target data stream in a database. In the present disclosure, the column data can be encoded and compressed at at least two levels: the column level and the stream level, to improve a compression rate of the column data, and save more storage space.

15 (FIG. 1)