WHAT IS CLAIMED IS:

1. A method for storing data, comprising:

acquiring a to-be-stored data set and a storage model, the to-be-stored data set comprising source storage parameters, and the storage model comprising target storage parameters, wherein the to-be-stored data set is a data set to be stored into the storage model, and the storage model is data storage carrier for storing data;

acquiring a target storage key value of the to-be-stored data set, in response to determining that the source storage parameters of the to-be-stored data set are consistent with the target storage parameters of the storage model;

acquiring original data corresponding to the source storage parameters and written into the to-be-stored data set for first time, and acquiring change data corresponding to the source storage parameters in the to-be-stored data set; and

storing the original data and the change data into the storage model according to the target storage key value,

wherein the acquiring a target storage key value of the to-be-stored data set comprises:

for each preset storage key value in a plurality of preset storage key values, clustering the to-be-stored data set into categories according to the preset storage key value, and determining the preset storage key value as the target storage key value in response to determining that the categories obtained by clustering the to-be-stored data set satisfy a preset condition, wherein the preset condition includes: a number of the categories obtained by clustering the to-be-stored data set is not greater than a preset number.

2. The method according to claim 1, further comprising:

determining a missing parameter using the source storage parameters and the target storage parameters, in response to determining that the source storage parameters are inconsistent with the target storage parameters, wherein the missing parameter comprises: a storage parameter existing in the to-be-stored data set but not existing in the storage model, or a storage parameter not existing in the to-be-

stored data set but existing in the storage model.

3. The method according to claim 2, further comprising:

adding the missing parameter to the storage model in response to determining that the missing parameter does not exist in the storage model; or

acquiring, in response to determining that the missing parameter does not exist in the to-be-stored data set, to-be-stored data corresponding to the missing parameter using an original acquiring approach of the to-be-stored data set, and adding the missing parameter and the to-be-stored data corresponding to the missing parameter to the to-be-stored data set,

wherein the original acquisition approach of the to-be-stored data set includes: reading order flow information of an e-commerce platform, or reading the customer order information of a logistics system.

4. The method according to claim 1, wherein the target storage key value is: an index keyword of to-be-stored data, a key value in a key-value pair database, or a data tag obtained by dividing the to-be-stored data set into the categories..

5. The method according to claim 1, further comprising:

marking data except the original data and the change data in the to-be-stored data set as first data,

wherein the storing the original data and the change data into the storage model according to the target storage key value comprises:

storing data except the data marked as the first data in the to-be-stored data set into the storage model according to the target storage key value.

6. The method according to claim 1, wherein the storing the original data and the change data into the storage model according to the target storage key value comprises:

storing the original data, at least one duration corresponding to the original data, the change data and at least one duration corresponding to the change data into the storage model according to the target storage key value, and obtaining a stored data set, wherein the duration is used to represent a time cycle in which data

persists, and

the method comprises:

extracting original data from the stored data set according to the duration of the original data;

extracting change data from the stored data set according to the duration of the change data; and

determining that the stored data set is a target stored data set, in response to determining that a data set composed of the extracted original data and the extracted change data is consistent with to-be-stored data in the to-be-stored data set.

7. The method according to claim 1, further comprising:

determining a database parameter according to a data feature of data in the to-be-stored data set, wherein the data feature comprises: a precision requirement on the data in the to-be-stored data set, and the database parameter comprises: a storage compression ratio,

wherein the storing the original data and the change data into the storage model comprises:

updating the storage model using the database parameter; and

storing the original data and the change data into an updated storage model.

8. The method according to claim 1, comprising:

performing the method according to claim 1, in response to determining that a to-be-stored data set satisfies a preset condition,

wherein the preset condition comprises at least one of: a changing speed of data in the to-be-stored data set being less than a preset threshold, or an amount of the data in the to-be-stored data set being greater than a preset data amount.

9. The method according to claim 1, comprising:

performing the method according to claim 1, in response to determining that a current moment is within a preset data processing time period.

10. An apparatus for storing data, comprising:

at least one processor; and

a memory storing instructions, wherein the instructions when executed by the at least one processor, cause the at least one processor to perform operations, the operations comprising:

acquiring a to-be-stored data set and a storage model, the to-be-stored data set comprising source storage parameters, and the storage model comprising target storage parameters, wherein the to-be-stored data set is a data set to be stored into the storage model, and the storage model is data storage carrier for storing data;

acquiring a target storage key value of the to-be-stored data set, in response to determining that the source storage parameters of the to-be-stored data set are consistent with the target storage parameters of the storage model;

acquiring original data corresponding to the source storage parameters and written into the to-be-stored data set for first time, and acquiring change data corresponding to the source storage parameters in the to-be-stored data set; and

storing the original data and the change data into the storage model according to the target storage key value,

wherein the acquiring a target storage key value of the to-be-stored data set comprises:

for each preset storage key value in a plurality of preset storage key values, clustering the to-be-stored data set into categories according to the preset storage key value, and determining the preset storage key value as the target storage key value in response to determining that the categories obtained by clustering the to-be-stored data set satisfy a preset condition, wherein the preset condition includes: a number of the categories obtained by clustering the to-be-stored data set is not greater than a preset number.

11. The apparatus according to claim 10, comprising:

a pre-verifying unit, configured to perform the operations , in response to determining that a to-be-stored data set satisfies a preset condition,

wherein the preset condition comprises at least one of: a changing speed of

data in the to-be-stored data set being less than a preset threshold, or an amount of the data in the to-be-stored data set being greater than a preset data amount.

12. The apparatus according to claim 10, comprising:

a time confirming unit, configured to perform the operations, in response to determining that a current moment is within a preset data processing time period.

13. The apparatus according to claim 10, the operations further comprising:

determining a missing parameter using the source storage parameters and the target storage parameters, in response to determining that the source storage parameters are inconsistent with the target storage parameters, wherein the missing parameter comprises: a storage parameter existing in the to-be-stored data set but not existing in the storage model, or a storage parameter not existing in the to-be-stored data set but existing in the storage model.

14. The apparatus according to claim 13, the operations further comprising:

adding the missing parameter to the storage model in response to determining that the missing parameter does not exist in the storage model; or

acquiring, in response to determining that the missing parameter does not exist in the to-be-stored data set, to-be-stored data corresponding to the missing parameter using an original acquiring approach of the to-be-stored data set, and adding the missing parameter and the to-be-stored data corresponding to the missing parameter to the to-be-stored data set,

wherein the original acquisition approach of the to-be-stored data set includes: reading order flow information of an e-commerce platform, or reading the customer order information of a logistics system.

15. The apparatus according to claim 13, the operations further comprising:

marking data except the original data and the change data in the to-be-stored data set as first data,

wherein the storing the original data and the change data into the storage model according to the target storage key value comprises:

storing data except the data marked as the first data in the to-be-stored data set

into the storage model according to the target storage key value.

16. The apparatus according to claim 13, the operations further comprising:

determining a database parameter according to a data feature of data in the to-be-stored data set, wherein the data feature comprises: an amount of the data in the to-be-stored data set, and the database parameter comprises: a number of read and write threads,

wherein the storing the original data and the change data into the storage model comprises:

updating the storage model using the database parameter; and

storing the original data and the change data into an updated storage model.

17. The apparatus according to claim 10, wherein the target storage key value is: an index keyword of to-be-stored data, a key value in a key-value pair database, or a data tag obtained by dividing the to-be-stored data set into the categories.

18. The apparatus according to claim 10, wherein the storing the original data and the change data into the storage model according to the target storage key value comprises:

storing the original data, at least one duration corresponding to the original data, the change data and at least one duration corresponding to the change data into the storage model according to the target storage key value, and obtaining a stored data set, wherein the duration is used to represent a time cycle in which data persists, and

the operations further comprise:

extracting original data from the stored data set according to the duration of the original data;

extracting change data from the stored data set according to the duration of the change data; and

determining that the stored data set is a target stored data set, in response to determining that a data set composed of the extracted original data and the extracted change data is consistent with to-be-stored data in the to-be-stored data set.

19. A non-transitory computer readable storage medium, storing a computer instruction, wherein the computer instruction is used to cause the computer to perform operations comprising:

acquiring a to-be-stored data set and a storage model, the to-be-stored data set comprising source storage parameters, and the storage model comprising target storage parameters, wherein the to-be-stored data set is a data set to be stored into the storage model, and the storage model is data storage carrier for storing data;

acquiring a target storage key value of the to-be-stored data set, in response to determining that the source storage parameters of the to-be-stored data set are consistent with the target storage parameters of the storage model;

acquiring original data corresponding to the source storage parameters and written into the to-be-stored data set for first time, and acquiring change data corresponding to the source storage parameters in the to-be-stored data set; and

storing the original data and the change data into the storage model according to the target storage key value,

wherein the acquiring a target storage key value of the to-be-stored data set comprises:

for each preset storage key value in a plurality of preset storage key values, clustering the to-be-stored data set into categories according to the preset storage key value, and determining the preset storage key value as the target storage key value in response to determining that the categories obtained by clustering the to-be-stored data set satisfy a preset condition, wherein the preset condition includes: a number of the categories obtained by clustering the to-be-stored data set is not greater than a preset number.

20. The non-transitory computer readable medium of claim 19, the operations further comprising:

determining a missing parameter using the source storage parameters and the target storage parameters, in response to determining that the source storage parameters are inconsistent with the target storage parameters, wherein the missing parameter comprises: a storage parameter existing in the to-be-stored data set but

not existing in the storage model, or a storage parameter not existing in the to-be-stored data set but existing in the storage model.