What is claimed is:

1. A method of data processing for online analytical processing, comprising:

performing a partition division on an incremental data of an online analytical processing system according to a selected partition field, and obtaining a plurality of incremental data partitions;

performing a partition division on a stock data of the online analytical processing system according to the selected partition field, and obtaining a plurality of stock data partitions; and

integrating data in the incremental data partitions and data in the stock data partitions which have a same partition identity,

wherein the method of data processing for online analytical processing further comprises constructing a data index of the plurality of the stock data partitions, and the integrating data in the incremental data partitions and data in the stock data partitions which have a same partition identity comprises performing a concatenation operation and/or a union operation on the data in each of the incremental data partitions and the data in the corresponding stock data partitions based on the data index of the plurality of the stock data partitions,

wherein the performing a concatenation operation and/or a union operation on the data in each of the incremental data partitions and the data in the corresponding stock data partitions based on the data index of the plurality of the stock data partitions comprises:

searching for the data in each of the incremental data partitions according to the data index, in the corresponding stock data partitions; and

performing the concatenation operation on the data in the incremental data partitions and the associated data in the stock data partitions when the search result is successful.

2. The method of claim 1, wherein the partition field comprises anyone or any combinations of a time field, a business field and a custom field.

3. The method of claim 1, wherein the constructing a data index of the plurality of the stock data partitions comprises:

constructing the data index in a manner of a binary tree or a hash.

4. The method of claim 1, wherein the performing a concatenation operation and/or a union operation on the data in each of the incremental data partitions and the data in the corresponding stock data partitions based on the data index of the plurality of the stock data partitions further comprises:

performing the union operation on the data in the incremental data partitions and the associated data in the stock data partitions when the search result is unsuccessful.

5. The method of any one of claims 1 to 4, after the integrating data in the incremental data partitions and data in the stock data partitions which have a same partition identity, further comprising:

exporting an integrated data to a specific location through transforming and loading in order to perform a data analysis of the online analytical processing system; and/or

outputting prompt information, which is used for indicating that the data is updated, to a downstream data processing unit.

6. An apparatus of data processing for online analytical processing, comprising:

a partition divisioning module, configured to perform a partition division on an incremental data of an online analytical processing system according to a selected partition field, and obtain a plurality of incremental data partitions;

the partition divisioning module, further configured to perform a partition division on a stock data of the online analytical processing system according to the selected partition field, and obtain a plurality of stock data partitions; and

a data processing module, configured to integrate data in the incremental data partitions and data in the stock data partitions which have a same partition identity,

wherein the apparatus of data processing for online analytical processing further comprises a data index constructing module, configured to construct a data index of the plurality of the stock data partitions, and the data processing module is configured to perform a concatenation operation and/or a union operation on the data in each of the incremental data partitions and the data in the corresponding stock data partitions based on the data index of the plurality of the stock data partitions,

wherein the data processing module comprises:

a search submodule, configured to search for the data in each of the incremental data partitions according to the data index, in the corresponding stock data partitions; and

a concatenation operation submodule, configured to perform the concatenation operation on the data in the incremental data partitions and the associated data in the stock data partitions when the search result is successful.

7. The apparatus of claim 6, wherein the partition field comprises anyone or any combinations of a time field, a business field and a custom field.

8. The apparatus of claim 6, wherein the data index constructing module is configured specifically to

construct the data index in a manner of a binary tree or a hash.

9. The apparatus of claim 6, wherein the data processing module further comprises:

a union operation submodule, configured to perform the union operation on the data in the incremental data partitions and the associated data in the stock data partitions when the search result is unsuccessful.

10. The apparatus of any one of claims 6 to 9, further comprising:

a data exporting module, configured to export an integrated data to a specific location through transforming and loading in order to perform a data analysis of the online analytical processing system.

11. The apparatus of any one of claims 6 to 10, further comprising:

an information outputting module, configured to output prompt information, which is used for indicating that the data is updated, to a downstream data processing unit after integrating.