ABSTRACT

The present disclosure discloses a time-series data management method, device, apparatus, storage medium, and program product, and relates to the field of data processing. The method includes: acquiring time-series data collected within a historical period; determining a data encoding type to be used for encoding the time-series data based on a data collection type of the measurement point data in the time-series data; and generating, by taking the data encoding type as a data encoding benchmark, a data encoding result corresponding to the time-series data by merging and encoding the measurement point data corresponding to the plurality of timestamps. The method is capable of merging and encoding multiple pieces of measurement point data based on the data collection type, thereby generating a data encoding result with less redundancy and improving the storage and utilization efficiency of time-series data. The present disclosure can be applied to various scenarios in the field of Internet of Things, the financial field, the industrial field, and so on.

[Figure 2]