develop training datasets using synthetic data assets and automatically refine training datasets based on training dataset reports indicating additional synthetic data assets or scenes that would improve a machine-learning model in a machine-learning training service. In this regard, the SDaaS addresses the specific problem of manual development of machine-learning training datasets and improves on existing processes for training machine-learning models in a distributed computing system.

[0014] This summary is provided to introduce a selection of concepts in a simplified form that are further described below in the Detailed Description. This summary is not intended to identify key features or essential features of the claimed subject matter, nor is it intended to be used as an aid in determining the scope of the claimed subject matter.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS

[0015] The present technology is described in detail below with reference to the attached drawing figures, wherein:

[0016] FIGS. 1A and 1B are block diagrams of an example distributed computing for providing synthetic data as a service, in accordance with embodiments of the present invention;

[0017] FIGS. 2A and 2B are flow diagrams illustrating an example implementation of a distributed computing system synthetic data as a service, in accordance with embodiments of the present invention;

[0018] FIG. 3 is a schematic diagram illustrating an example distributed computing system synthetic data as a service interface, in accordance with embodiments of the present invention;

[0019] FIG. 4 is a schematic diagram illustrating an example distributed computing system synthetic data as a service workflow, in accordance with embodiments of the present invention;

[0020] FIG. 5 is a schematic diagram illustrating an example distributed computing system synthetic data as a service interface, in accordance with embodiments of the present invention;

[0021] FIG. 6 is a flow diagram illustrating an example distributed computing system synthetic data as a service operation, in accordance with embodiments of the present invention;

[0022] FIG. 7 is a flow diagram illustrating an example distributed computing system synthetic data as a service operation, in accordance with embodiments of the present invention;