SYSTEMS AND METHODS FOR DATA EXCHANGE AND CONVERSION

ABSTRACT

Systems and methods for data conversion and distribution. A data collection system receives data from plural data sources; extracts data values for each data source from the data; classifies each extracted value among categories; and stores each extracted value in a database according to a data mapping based on a category index, such that the extracted value is stored according to the associated category index. A data performance system retrieves, for each category, data values associated with the category and a predetermined period, by querying the database based on the category index; and runs, for each category, the retrieved data through statistical algorithms, to generate data performance metrics representative of the data from all of the data sources. A data distribution system generates a predictive performance metric for further data based on a comparison between the further data and the data performance metrics for at least one category.

FIG. 1