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(54) Title: COMPUTERIZED ANALYSIS OF A TRAINED MACHINE LEARNING MODEL

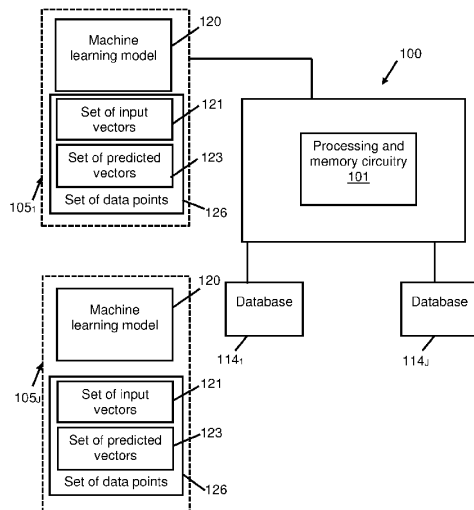


FIG. 1A

(57) Abstract: There are provided systems and method comprising, by a processor and memory circuitry, obtaining, for a machine learning model, a set of data points, informative of a set of input vectors and of a set of predicted vectors, wherein each input vector of the set of input vectors has been used to train the machine learning model, using the set of data points to generate a database informative of the machine learning model, wherein the database is informative of terminal nodes, each given terminal being associated with: a plurality of data points of the set, one or more coefficients defining a function fitting a relationship between a plurality of input vectors of the given terminal node and a plurality of predicted vectors of the given terminal node, with a quality meeting an accuracy criterion, wherein the database is usable to generate data informative of the machine learning model.

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