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- (54) **Title:** METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR UNSUPERVISED FEATURE ENGINEERING IN MACHINE LEARNING MODELS

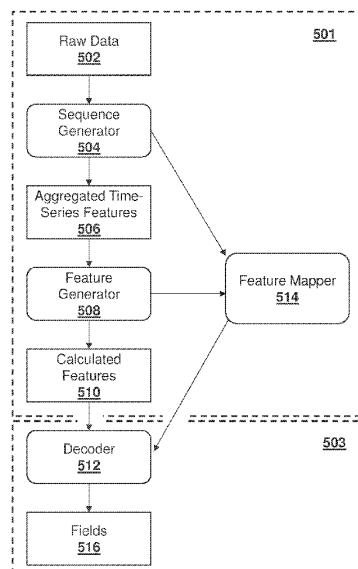


FIG. 5

- (57) **Abstract:** Described are methods, systems, and computer program products for unsupervised feature engineering in machine learning models. A method includes receiving a dataset comprising records, determining a data type of a field of the records, and determining a distribution of values of the field based on the records. The method also includes generating configuration data based on the data type and the distribution of values of the field, and generating a plurality of time-series features based on the configuration data and the records. The method further includes determining a relevance score for each time-series feature based on at least one metric. The method further includes determining a subset of the plurality of time-series features based on the relevance score for each time-series feature, and determining a subset of the plurality of fields for training a machine learning model based on the subset of the plurality of time-series features.

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