

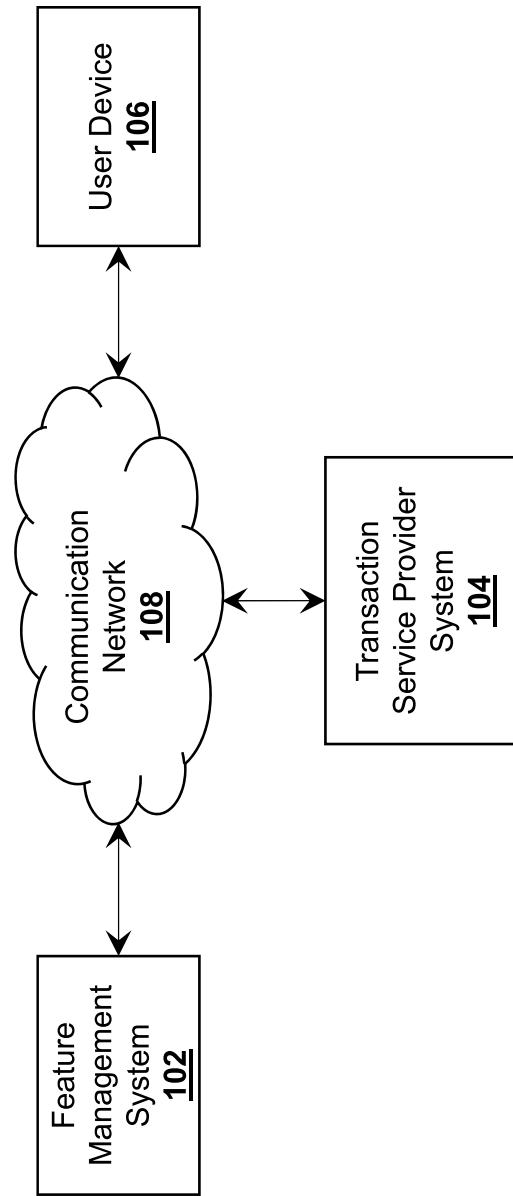


FIG. 1

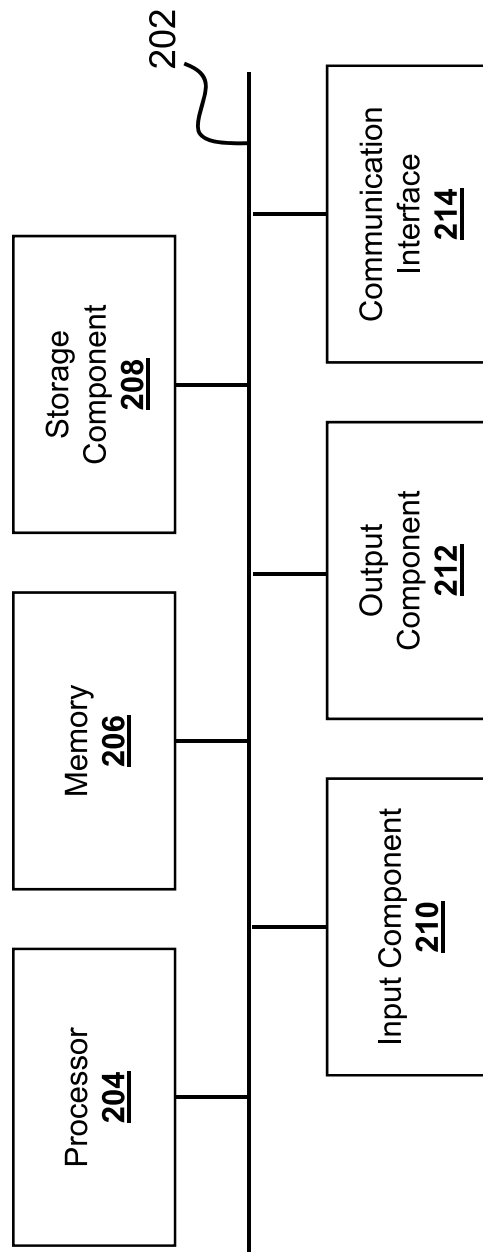
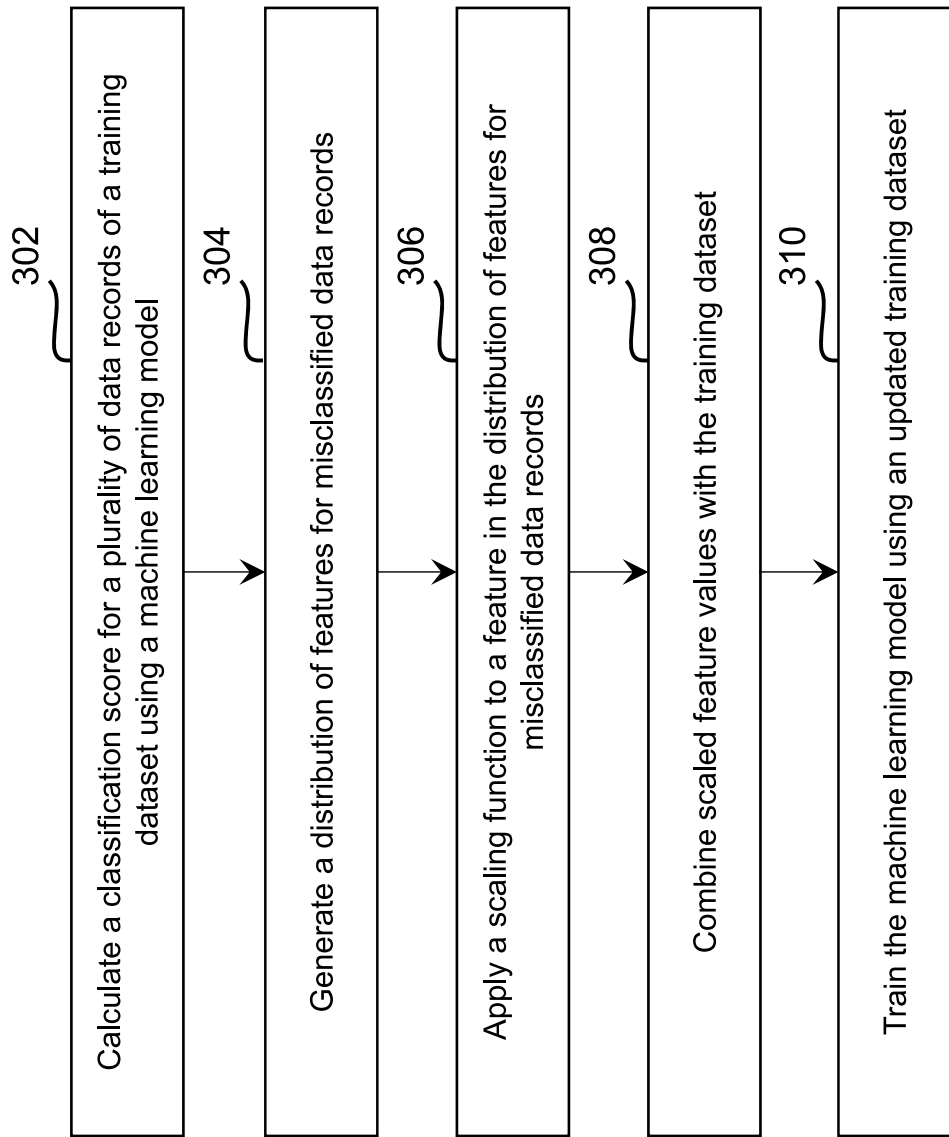


FIG. 2



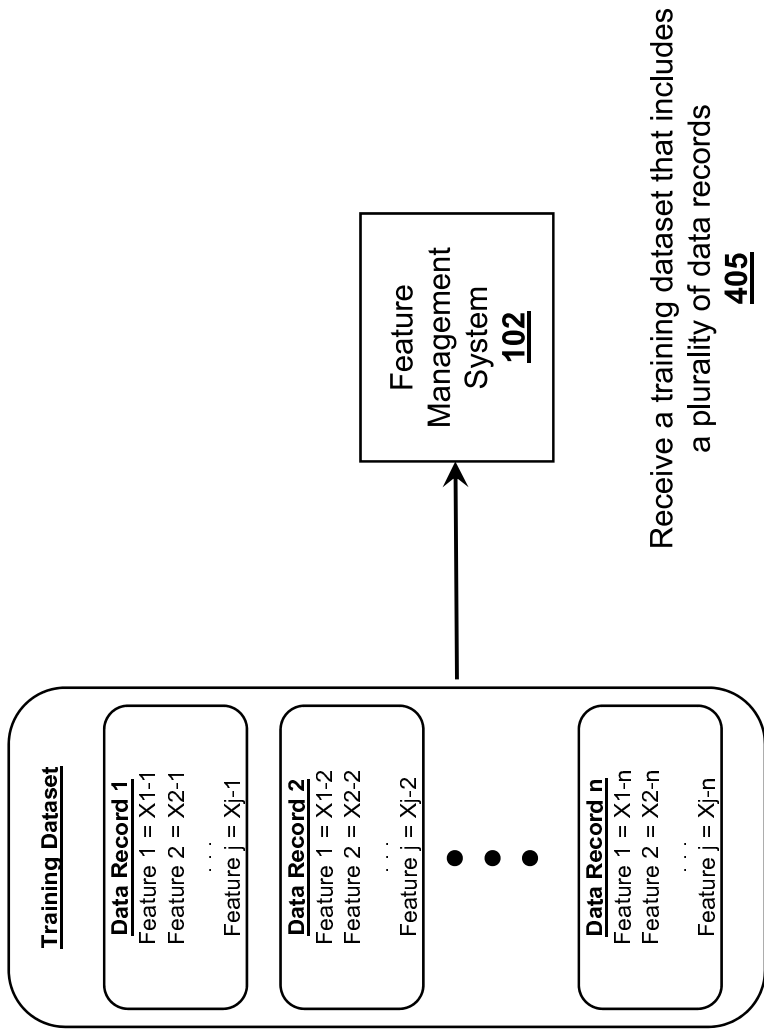


FIG. 4A

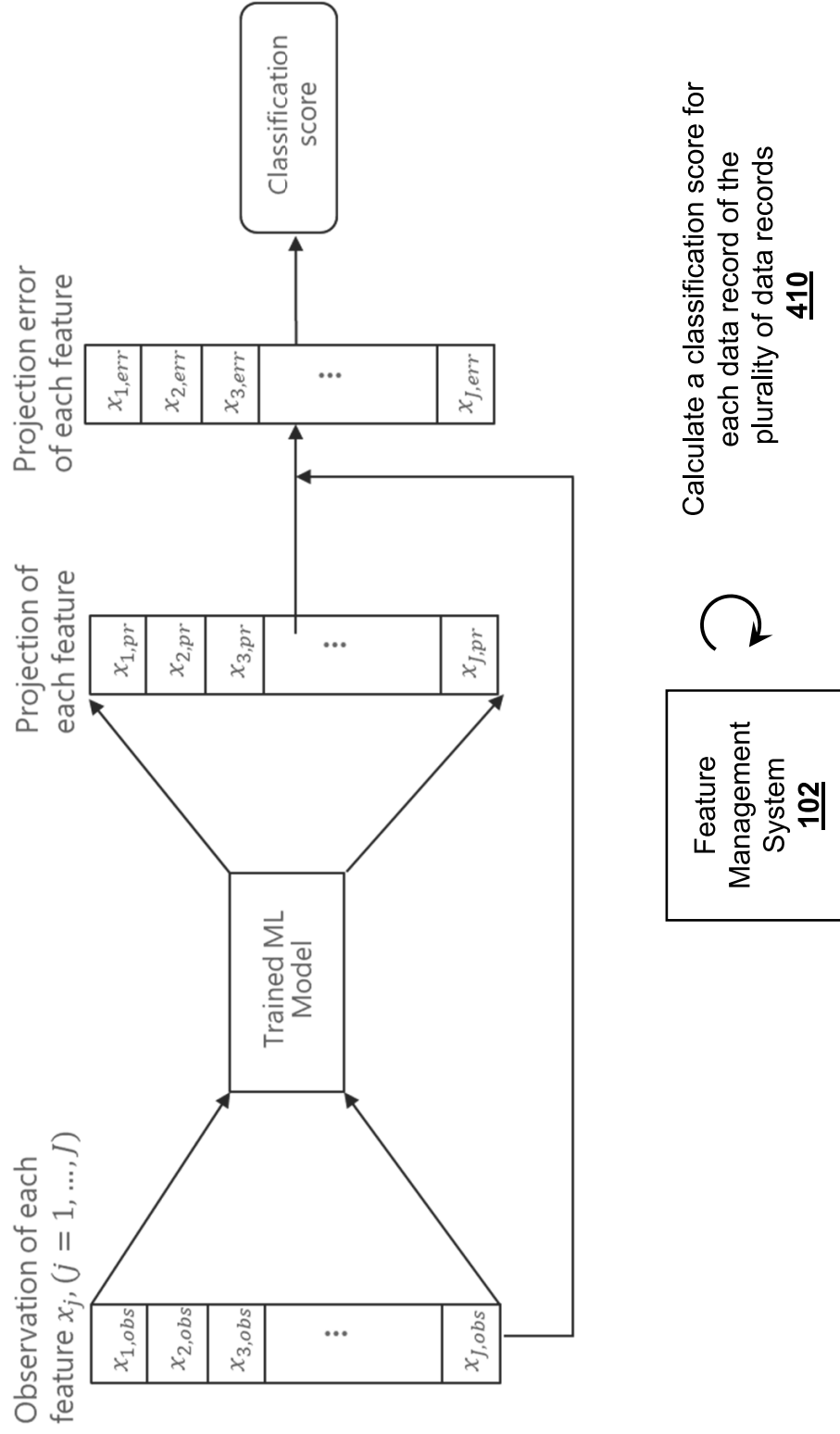
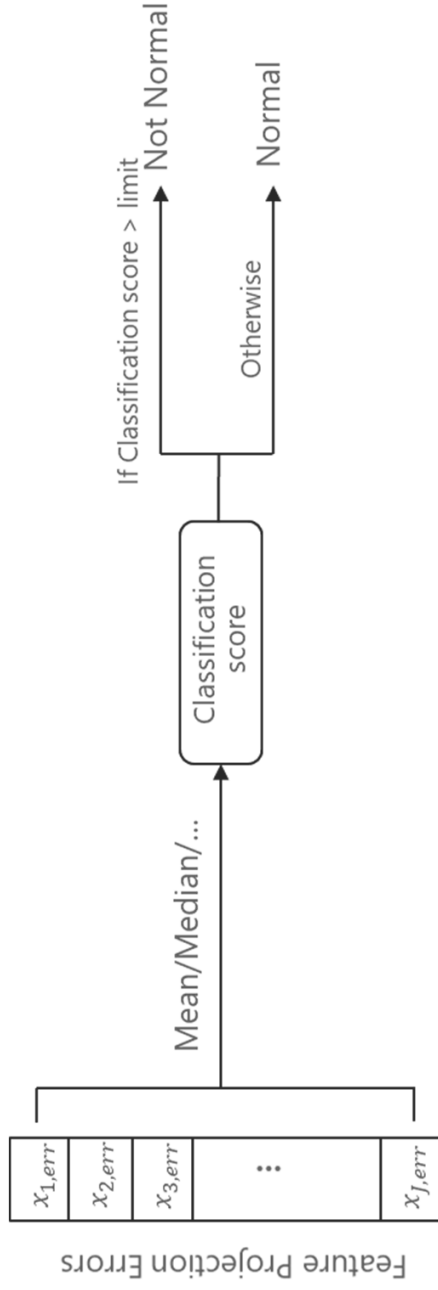


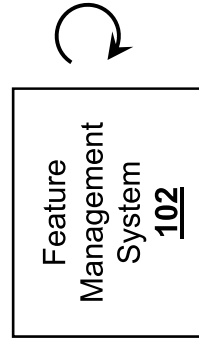
FIG. 4B



400



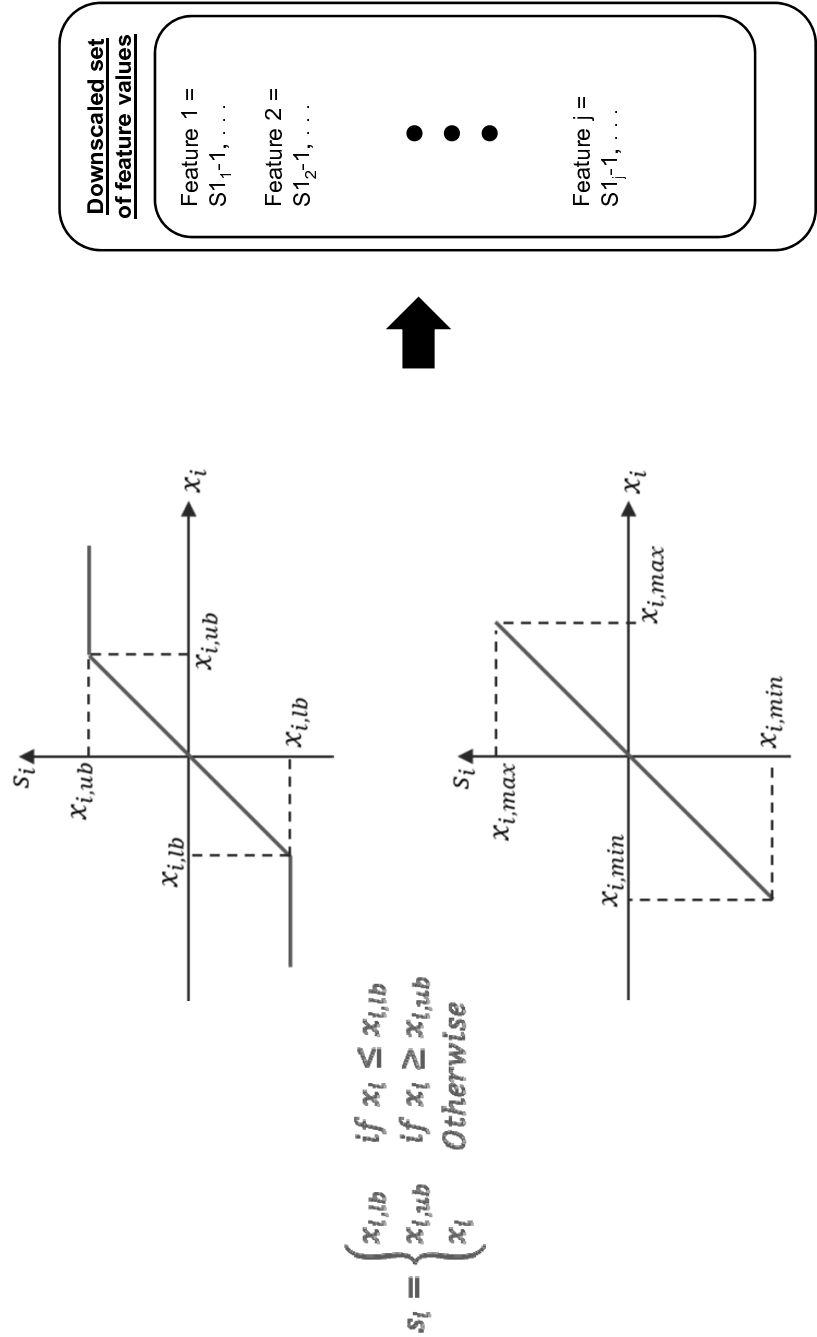
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Determine a distribution of features according to feature projection error for each feature of the plurality of features in a data record

415

FIG. 4C

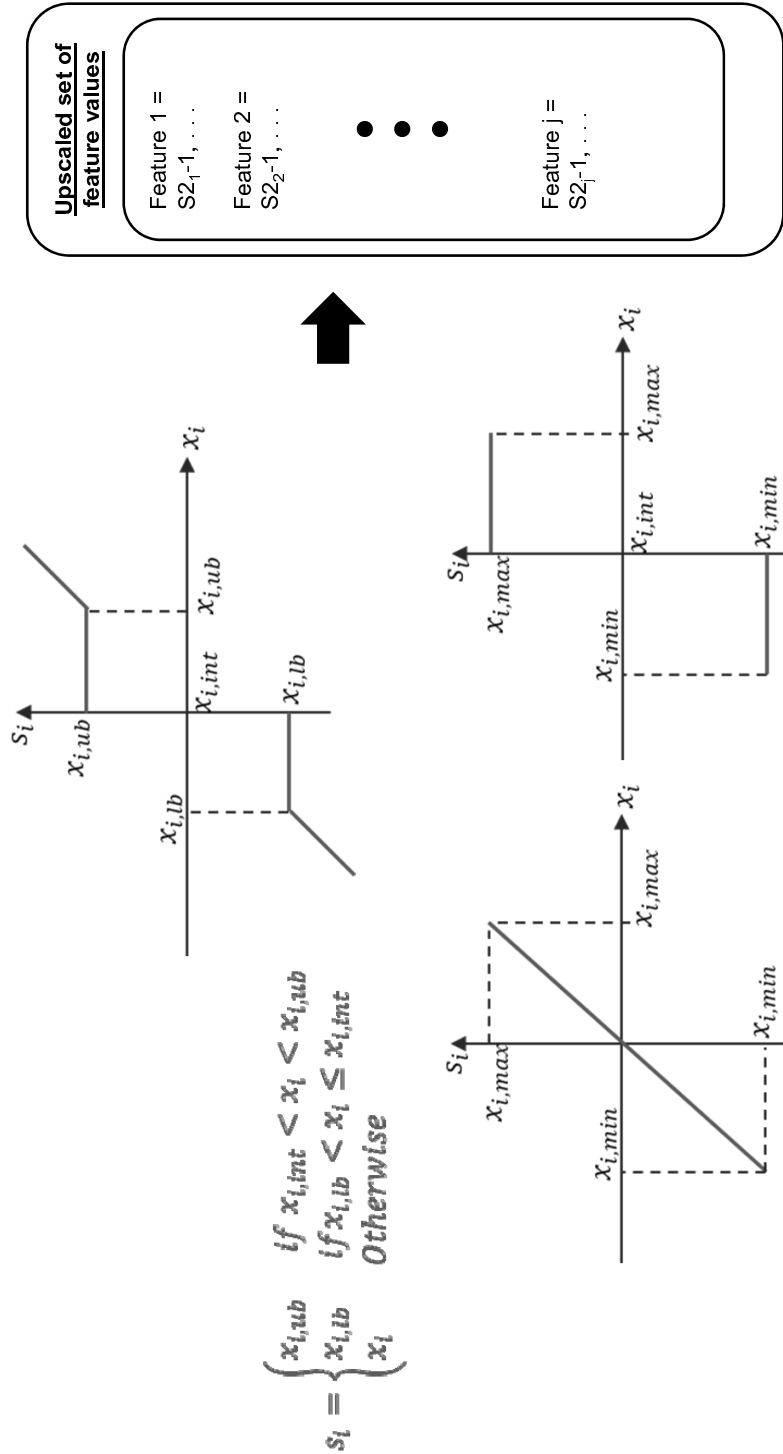


Feature Management System 102

Apply a downsampling function to each feature value of a feature in the false positive classification distribution 420

Generate a downscaled set of feature values 425

FIG. 4D

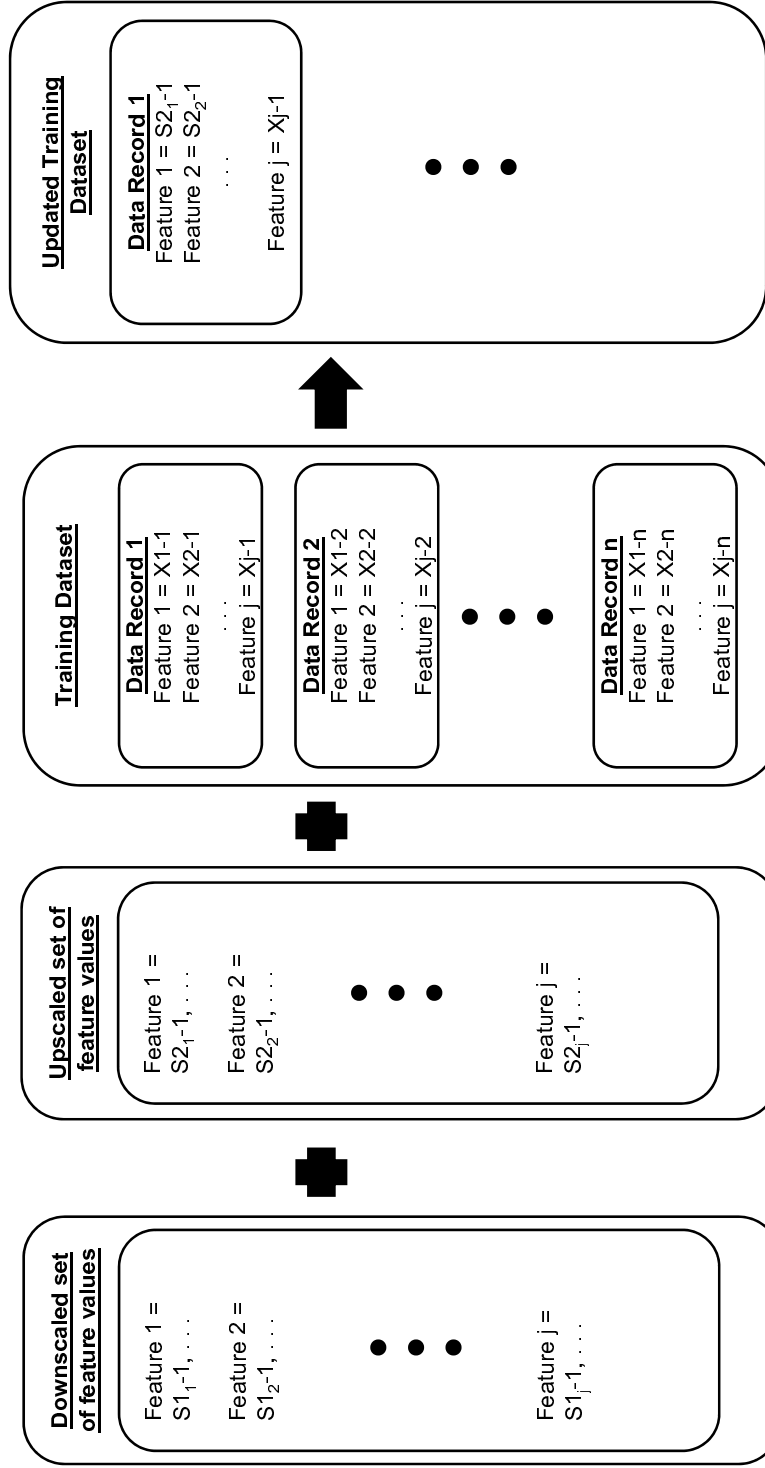


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Apply an upscaling function to each feature value of a feature in the false negative classification distribution 430

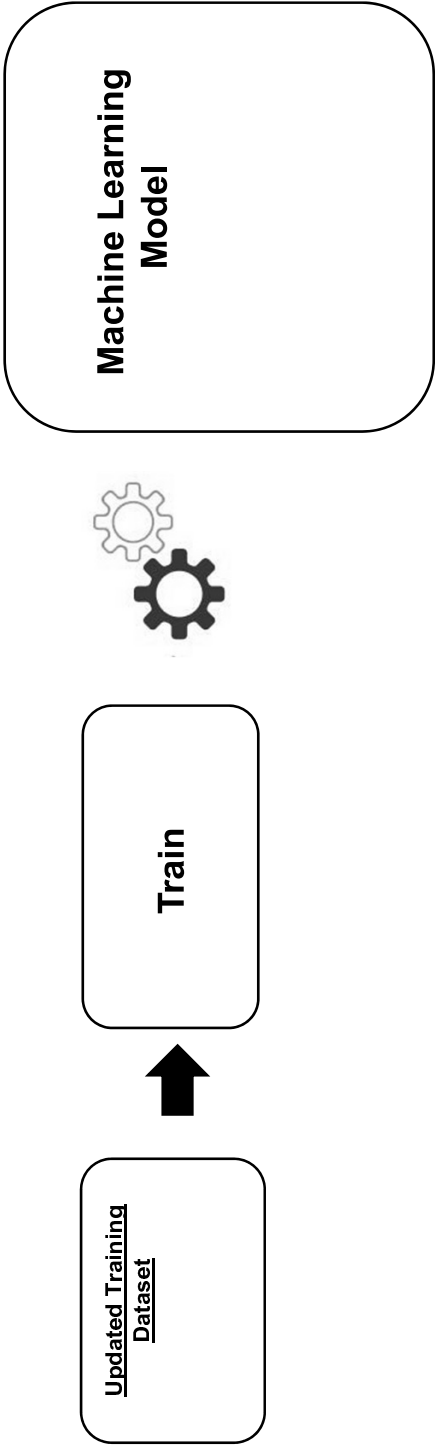
Generate a set of upscaled feature values for a second subset of features of the plurality of features 435

FIG. 4E



Combine the downscaled set of feature values and the upscaled set of feature values with the training dataset to provide an updated training dataset

FIG. 4F



Feature
Management
System
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Train the trained machine learning model
based on the updated training dataset
445

FIG. 4G