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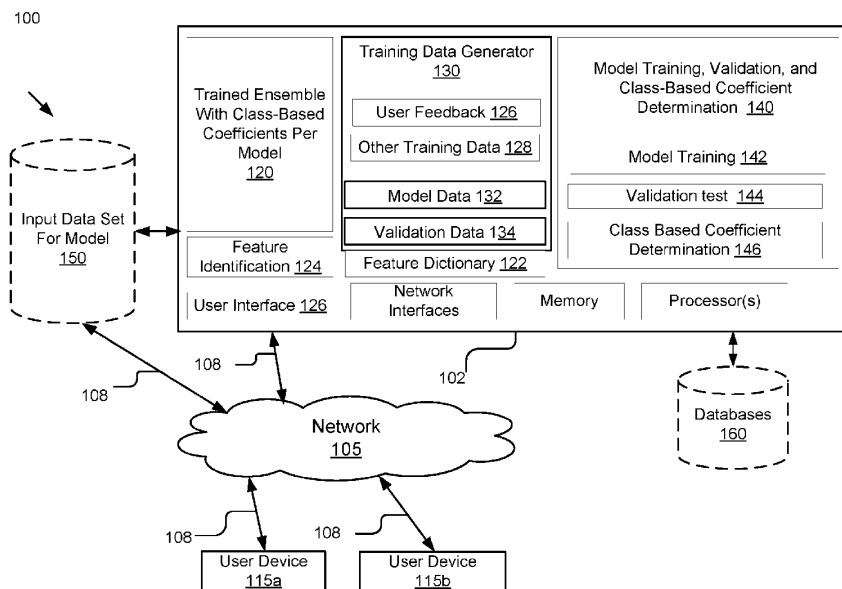


Fig. 1

(57) Abstract: A model-agnostic method for weighting the outputs of base classifiers in machine learning (ML) ensembles. Class-based weight coefficients are assigned to every output class in each learner in the ensemble. A dense set of coefficients is generated for the models in the ensemble by considering the model performance on each class. The approach can be applied to an ensemble of extreme learning machines (ELMs), which are well suited for this approach due to their stochastic, highly varying performance across classes.

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