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(57) Abstract :
[036] An innovative method for enhancing the accuracy and robustness of machine learning models by employing a combination of adaptive preprocessing, hierarchical feature selection, dynamic model architecture modification, and a continuous feedback mechanism. This approach ensures optimal model performance by dynamically adapting to data intricacies, iteratively refining model parameters, and perpetually learning from its own predictions. Accompanied Drawing [FIGS. 1-2]

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