

Here is the checklist generated for the author developing the Artificial Intelligence - Machine Learning software and for the reviewer reviewing it:

# Identity and Purpose

## Training Environment

Requirement	Yes/No
Identify training environment (hardware and software)	✗
Document credit sought from the training environment	✗

## Model Parameters

Requirement	Yes/No
Initialize model parameters strategically	✗
Identify and set hyper-parameters	✗
Specify expected performance with training, validation, and test sets	✗

## Generalization Bounds

Requirement	Yes/No
Provide quantifiable generalization bounds	✗

## Model Training

Requirement	Yes/No
Document result of model training	✗

## Model Optimisation

Requirement	Yes/No
Document any model optimisation (e.g. pruning, quantization) and assess impact on model behavior or performance	✗

## Bias-Variance Trade-off

Requirement	Yes/No
Account for bias-variance trade-off in model family selection	✗
Provide evidence of reproducibility of model training process	✗

## Model Evaluation

Requirement	Yes/ No
Ensure estimated bias and variance of selected model meet associated learning process management requirements	✗
Evaluate performance of trained model based on test data set	✗
Document result of model verification	✗

## Stability Analysis

Requirement	Yes/No
Perform analysis on stability of learning algorithms	✗
Verify stability of trained model, covering whole AI/ML constituent ODD	✗

Note: The author is requested to fill in the "Yes" or "No" for each requirement.