Here is the checklist generated based on the provided text:

Author Checklist for Developing Artificial Intelligence - Machine Learning Software

Trustworthiness Analysis

1. Is trustworthiness analysis performed in its full spectrum?
2. Are the AI/ML constituents free from IDAL A, B/SWAL 1 or 2/AL 1, 2 or 3 items?

Supervised Learning

1. Is a labelled data set available for learning?
2. Is a cost function used to measure the difference between the ML model output and expected output (labels in the data sets)?
3. Are parameters adjusted to increase the accuracy of the ML model?

Unsupervised Learning

1. Is the available data set not labelled?
2. Is a cost function used to indicate whether the ML model has converged to a stable solution?
3. Are parameters adjusted to increase the accuracy of the ML model?

Reinforcement Learning

1. Is an environment available for the agent(s) to "practice" in?
2. Is the agent(s) rewarded positively or negatively based on the effect of actions on the environment?
3. Are ML model parameters updated from trial-and-error sequence to optimize the outcome?

Reviewer Checklist

Trustworthiness Analysis

1. Was trustworthiness analysis performed in its full spectrum?
2. Are AI/ML constituents free from IDAL A, B/SWAL 1 or 2/AL 1, 2 or 3 items?

Data-Driven AI Approaches

1. Is the approach supervised, unsupervised, or reinforcement learning?
2. Is a labelled data set available for supervised learning?
3. Is the available data set not labelled for unsupervised learning?
4. Is an environment available for reinforcement learning?

Assurance Level Reduction

1. Are no assurance level reductions performed for items within AI/ML constituents?

Note: These checklists are generated based on the provided text and may not cover all possible scenarios or requirements.