Appendix 1: Abbreviation with descriptions.

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| **Abbreviation** | **Description** |
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| AI | Artificial Intelligence |
| IoT | Internet of Things |
| CNN | Convolutional Neural Network |
| RNN | Recurrent Neural Network |
| LSTM | Long Short-Term Memory |
| ANN | Artificial Neural Network |
| RF | Random Forest |
| DT | Decision Tree |
| XGB | eXtreme Gradient Boosting |
| KNN | K-Nearest Neighbors |
| TP | True Positive |
| TN | True Negative |
| FP | False Positive |
| FN | False Negative |
| LMS | Learning Management System |
| MAE | Mean Absolute Error |
| MSE | Mean Squared Error |