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| Supervised | Unsupervised |
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| i) These are trained using labelled data. | i) These are trained using unlabeled data. |
| ii) It takes direct feed-back to check if it is predicting correct output or not. | ii) It does not take any feedback. |
| iii) It predicts the output. | iii) It finds the hidden pattern in data. |
| iv) In this, input data is provided to the model with the output. | iv) Only input data is provided. |
| v) The goal is to train the model so that it can predict the output when it is given new data. | v) The goal is to find the hidden patterns and useful insights from the unknown datasets. |
| vi) It needs supervision to train the model. | vi) It does not need any supervision to train the model. |
| vii) It can be categorized in Classification and Regression problems. | vii) It can be categorized in Clustering and association problem. |
| viii) This model produces an accurate result. | viii) This model may give less accurate result as compare to supervised. |