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| 1. Import Dataset  Loading the “raw materials” for the machine learning project | 1. Import Dataset  Loading the “raw materials” for the machine learning project |  |
| 2. Visualization  Graphical representation of data or model predictions to spot insights | 2. Visualization  Graphical representation of data or model predictions to spot insights |  |
| 3. Data Preprocessing  Normalizing or scaling numeric features so that they are on a similar scale | 3. Data Preprocessing  Normalizing or scaling numeric features so that they are on a similar scale |  |
| 4. Data Splitting  Separating data into subsets, typically train and test, to prevent overfitting | 4. Data Splitting  Separating data into subsets, typically train and test, to prevent overfitting |  |
| 5. Learning Model  An algorithm used to learn patterns from data | 5. Learning Model  An algorithm used to learn patterns from data |  |
| 6. Model Evaluation  Checking how well your trained model generalizes to unseen data | 6. Model Evaluation  Checking how well your trained model generalizes to unseen data |  |