

# Machine Learning Workflow

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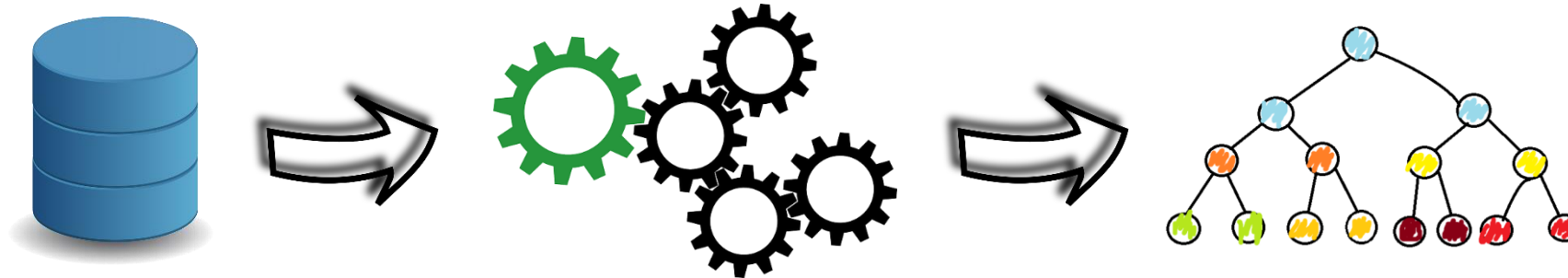
Considerations

# Machine learning workflow

Raw  
data

Features  
(preprocessed data)

Machine learning model  
(training and evaluation)



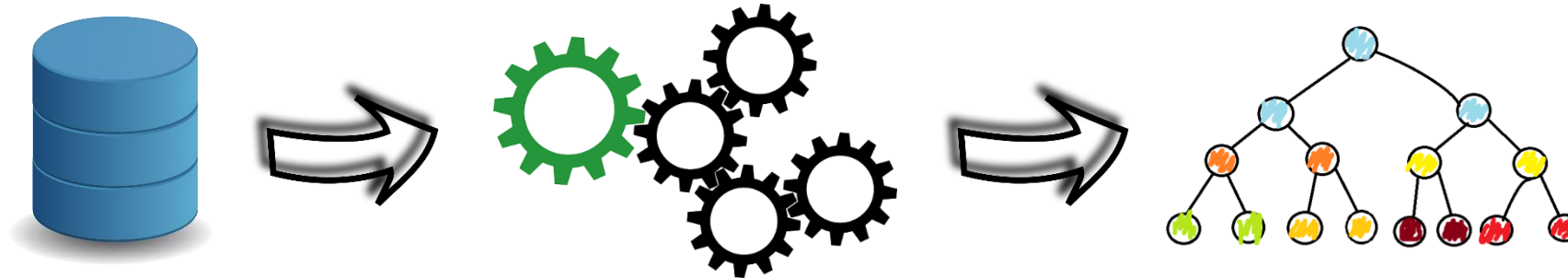
1. Take raw data
2. Extract features
3. Train and evaluate model

# Machine learning workflow

Raw  
data

Features  
(preprocessed data)

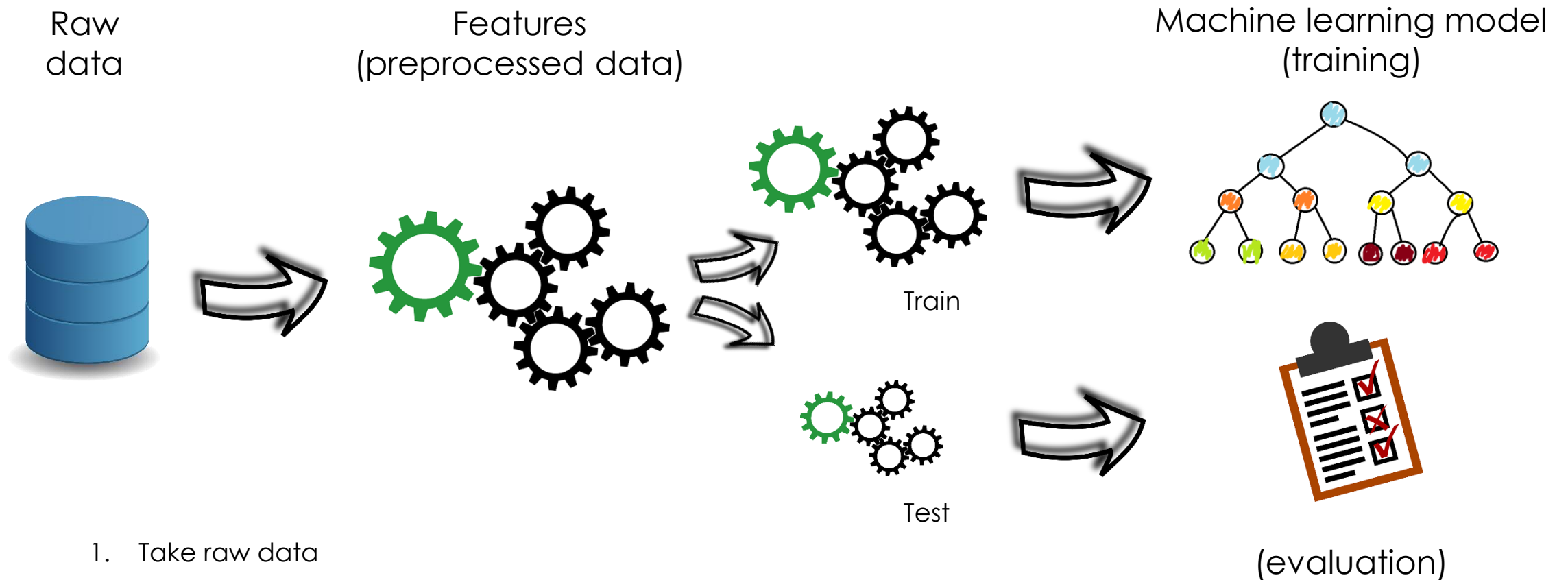
Machine learning model  
(training and evaluation)



1. Take raw data
2. Extract features
3. Train and evaluate model

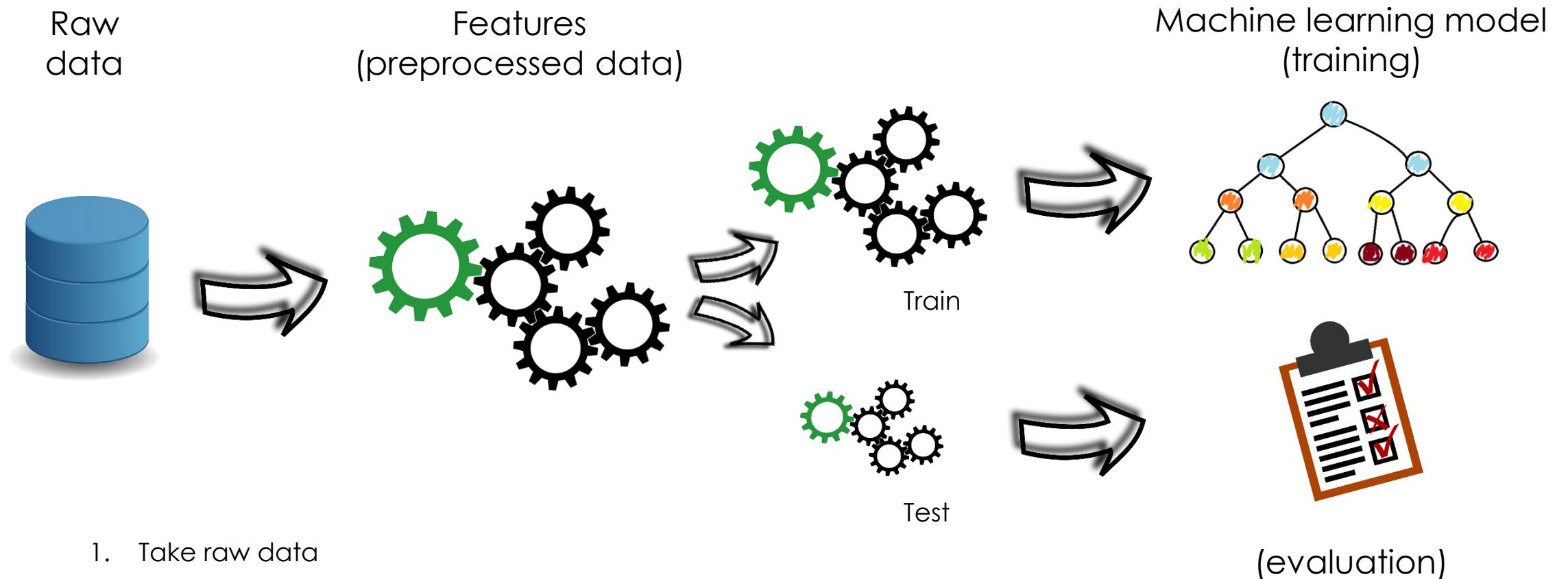
How do we know that our model  
generalizes well to unseen data?

# Machine learning workflow



1. Take raw data
2. Extract features
3. Separate into train and test sets
4. Train and evaluate model

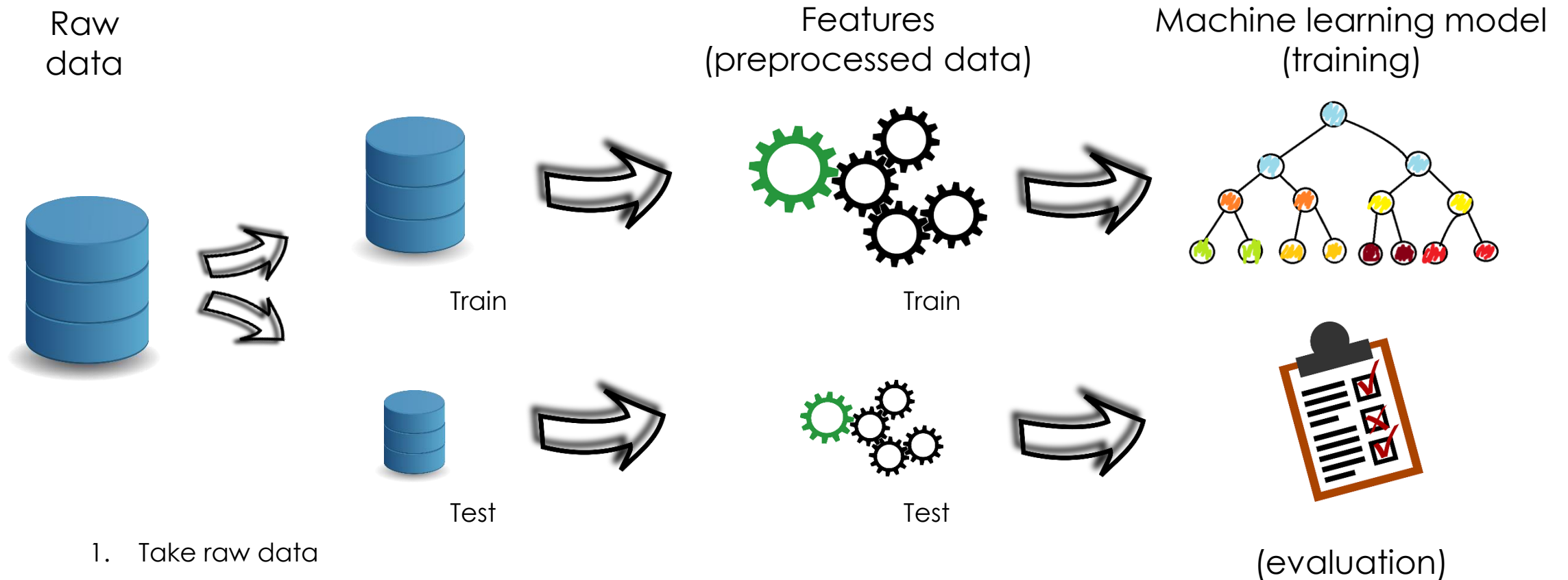
# Machine learning workflow



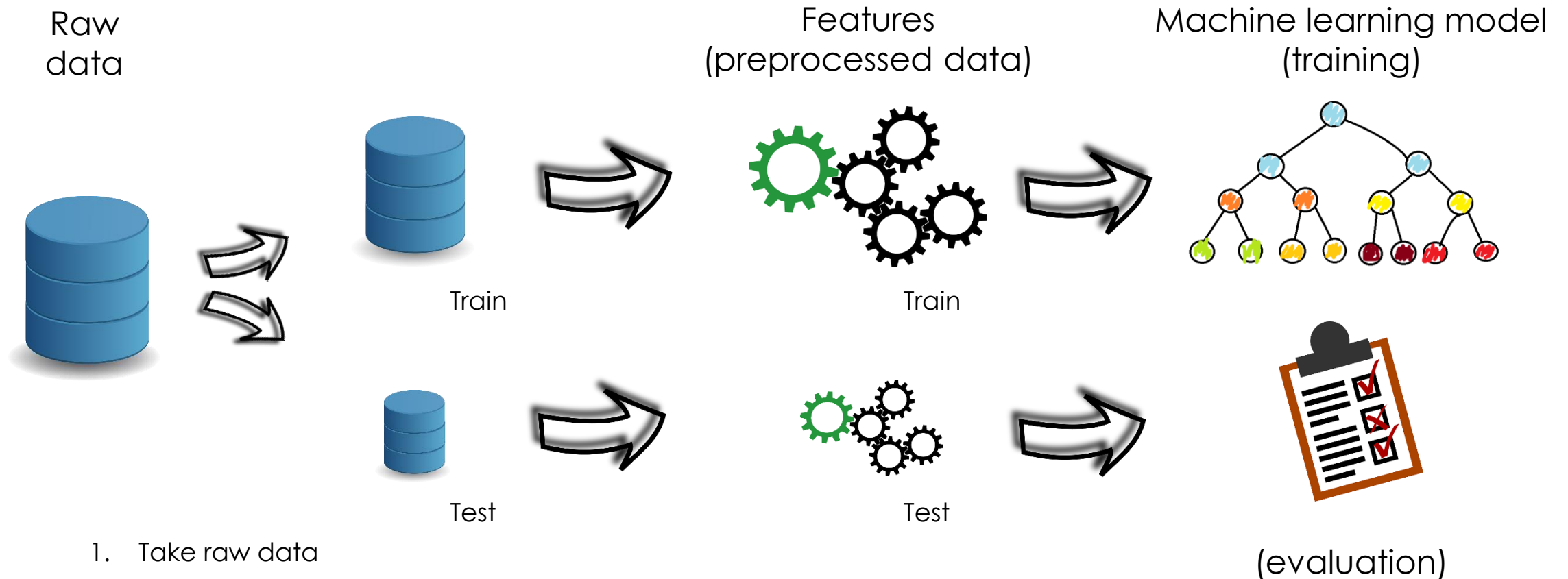
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3. Separate into train and test sets
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Don't feature engineering transformations learn parameters from data?

# Machine learning workflow



# Machine learning workflow



1. Take raw data
2. Separate into train and test sets
3. Extract features
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Is this really possible in forecasting?