



# How to Evaluate Predictions?

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How do you evaluate predictions?

## Evaluation Metrics

- Accuracy
- MAE
- Precision
- Recall
- RMSE

## Reliability

- Train-Validation
- Cross-Validation
- Leave-One-Out

# How to Evaluate Predictions?

How do you evaluate predictions?

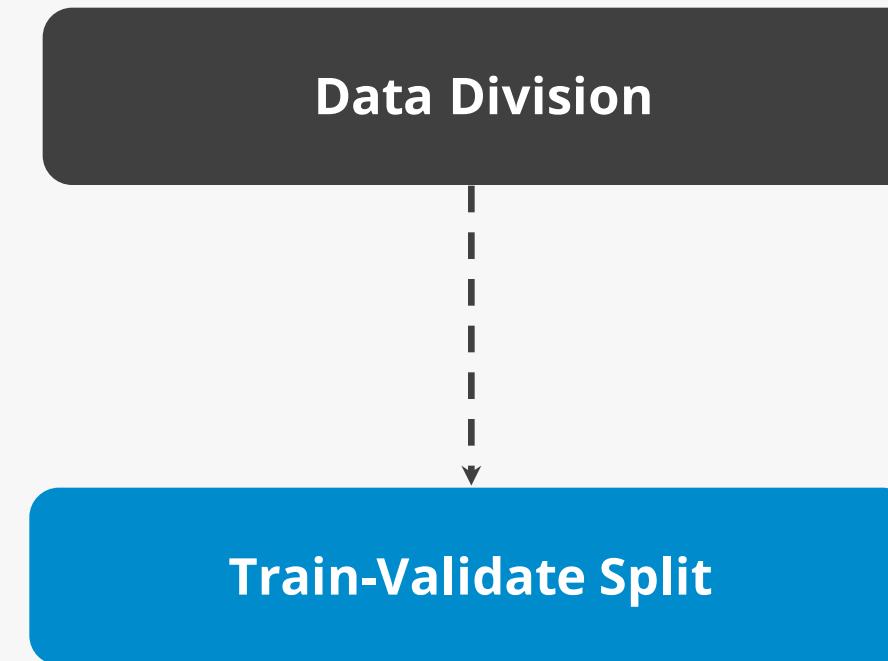
## Evaluation Metrics

- Accuracy
- MAE
- Precision
- Recall
- RMSE

## Data Division

- Train-Validation
- Cross-Validation
- Leave-One-Out

# Introduction to Data Division



# Train-Validate Split

Available Dataset

# Train-Validate Split

## Available Dataset



Input Variables



Units Sold

# Train-Validate Split

Available Dataset

Unseen/Future  
Data



Input Variables



Units Sold



Input Variables



Units Sold

# Train-Validate Split

Available Dataset

Unseen/Future Data



Input Variables



Units Sold



Input Variables



Units Sold

Mean of Units\_sold = 700

Prediction for Units\_sold = 700

# Train-Validate Split

Available Dataset

Unseen/Future Data



Input Variables



Units Sold

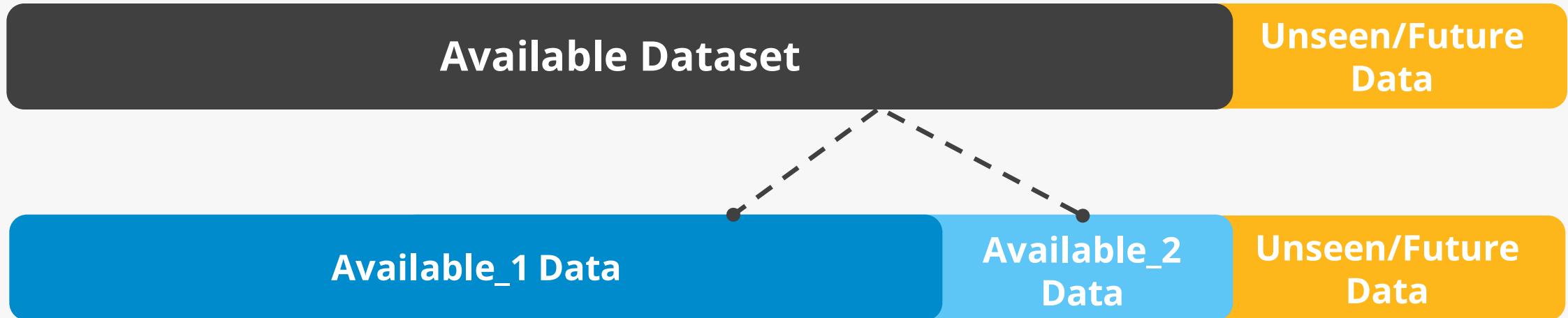


Input Variables



**Units Sold**

# Train-Validate Split



# Train-Validate Split



Input Variables



Units Sold

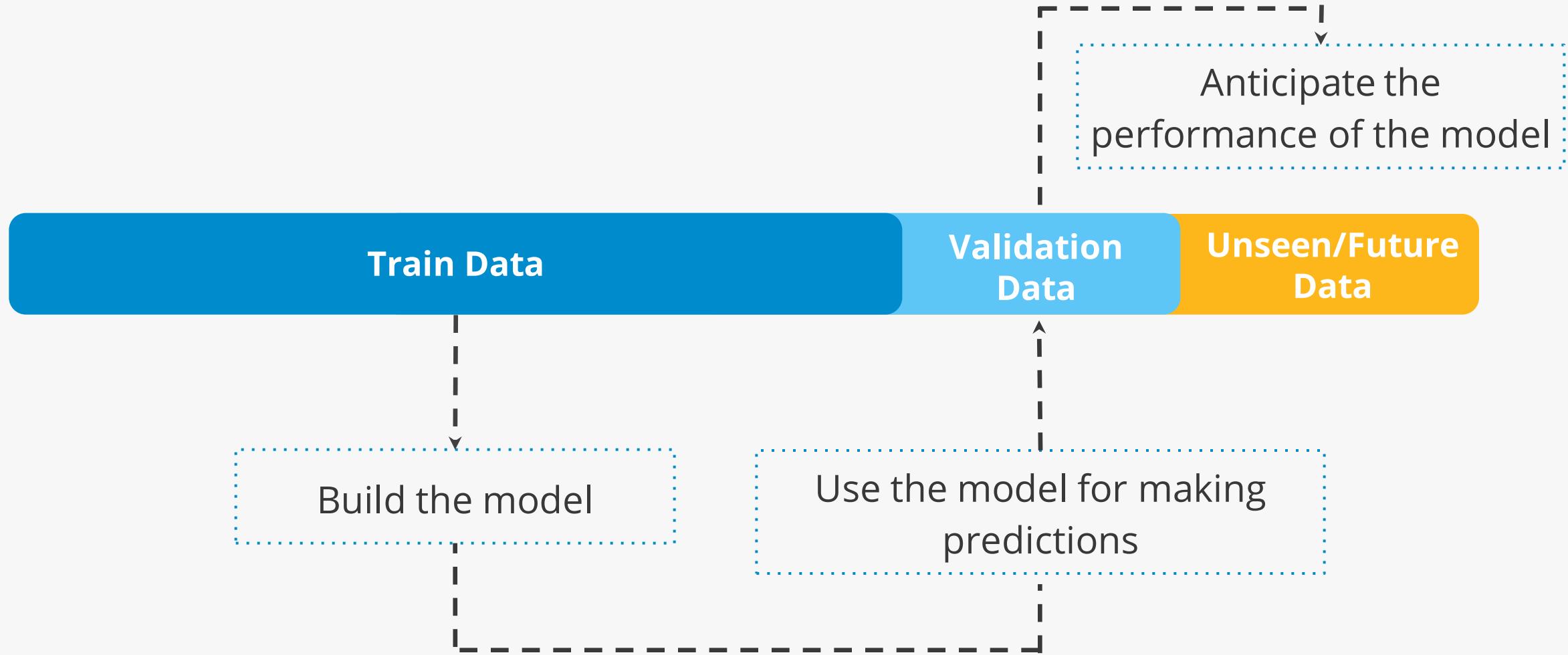


Input Variables



Units Sold

# Train-Validate Split





# Data Division