



# 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?

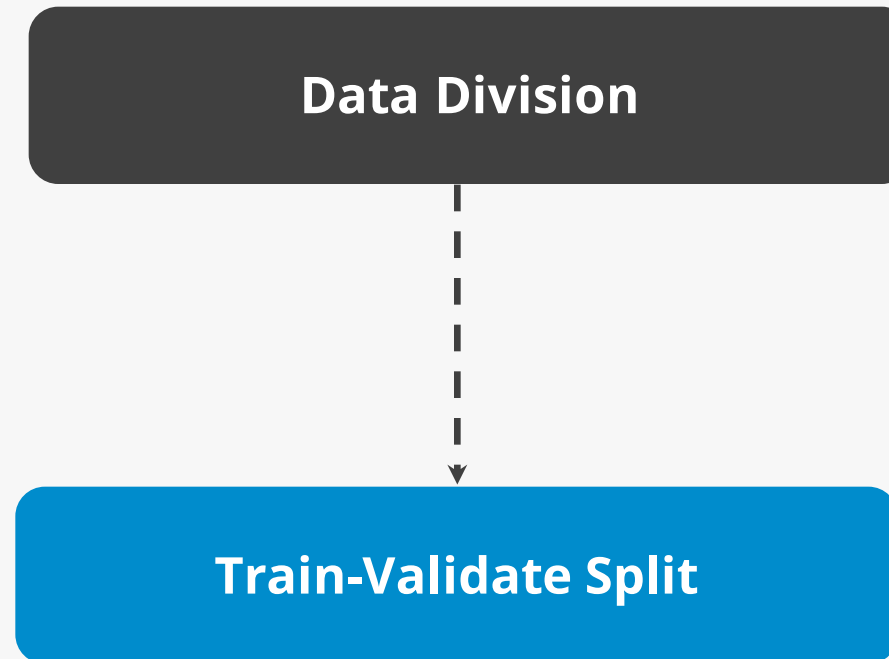
## Evaluation Metrics

- 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**



Input Variables



Units Sold

**Unseen/Future  
Data**



Input Variables



Units Sold

# Train-Validate Split

**Available Dataset**

**Unseen/Future Data**



Input Variables



Units Sold

**Mean of Units\_sold = 700**



Input Variables



Units Sold

**Prediction for Units\_sold = 700**



# Train-Validate Split

**Available Dataset**



Input Variables



Units Sold

**Unseen/Future  
Data**

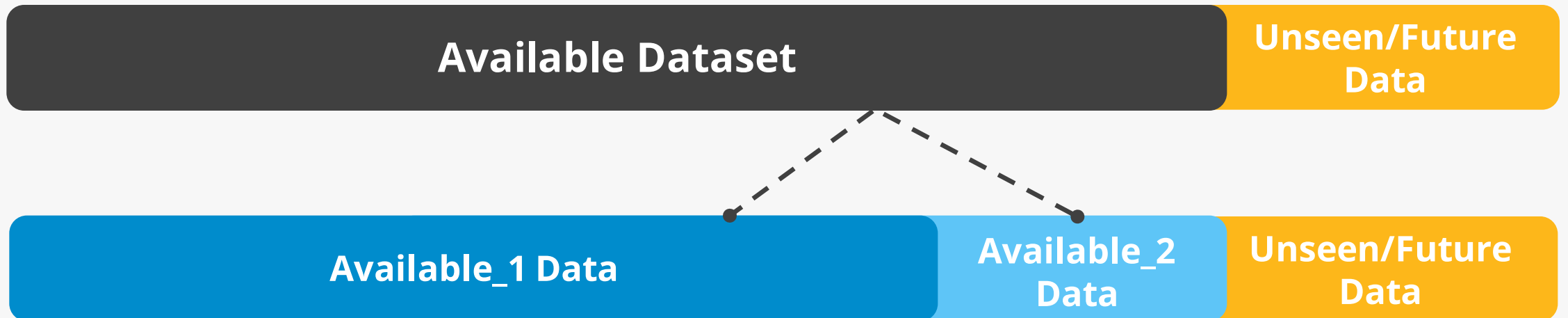


Input Variables



**Units Sold**

# Train-Validate Split



# Train-Validate Split

**Train Data**



Input Variables



Units Sold

**Validation  
Data**



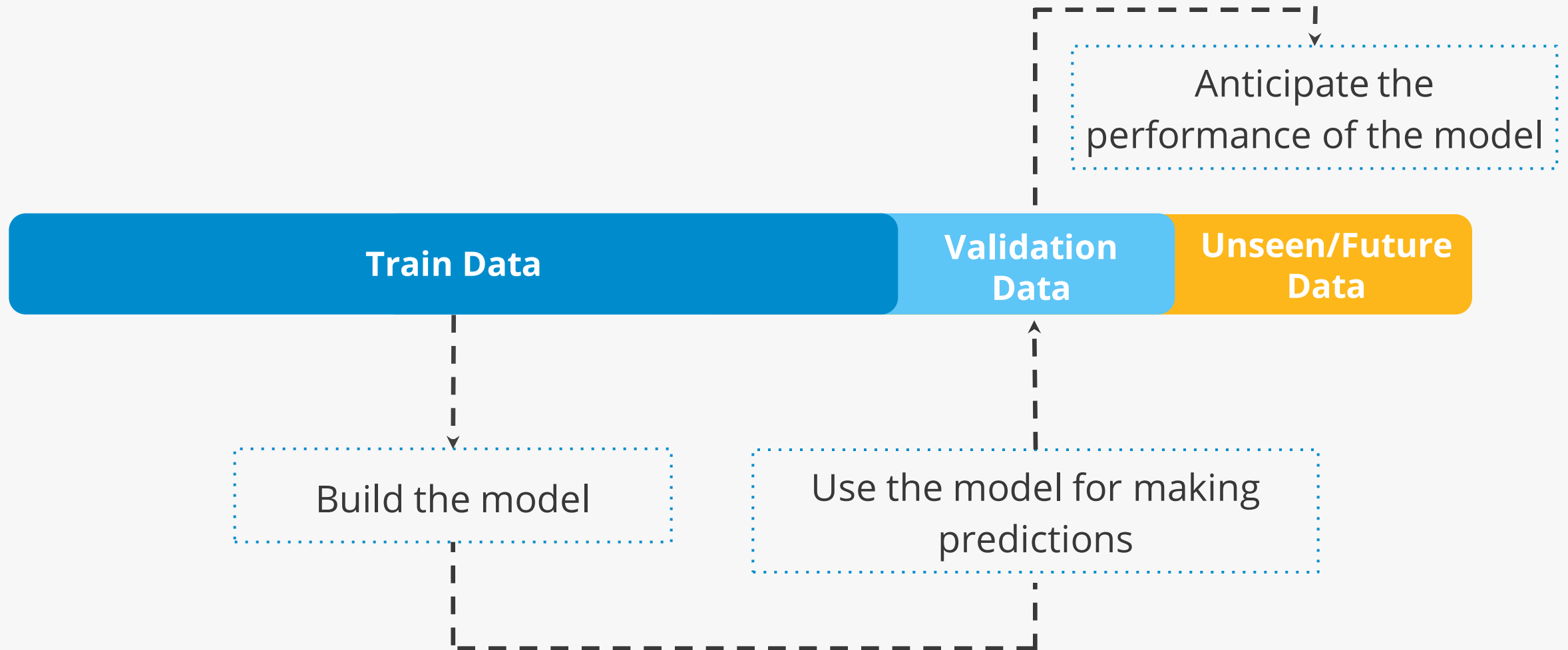
Input Variables



Units Sold

**Unseen/Future  
Data**

# Train-Validate Split





# Data Division