



# How do we make Predictions?

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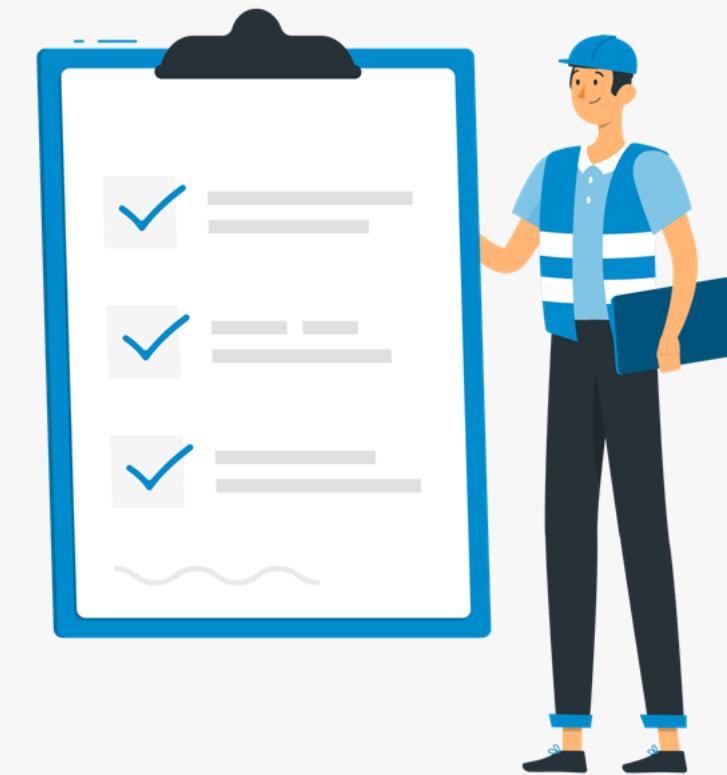


Benchmark Model

# Selecting Benchmark Models

**Some common ways to build a prediction model include:**

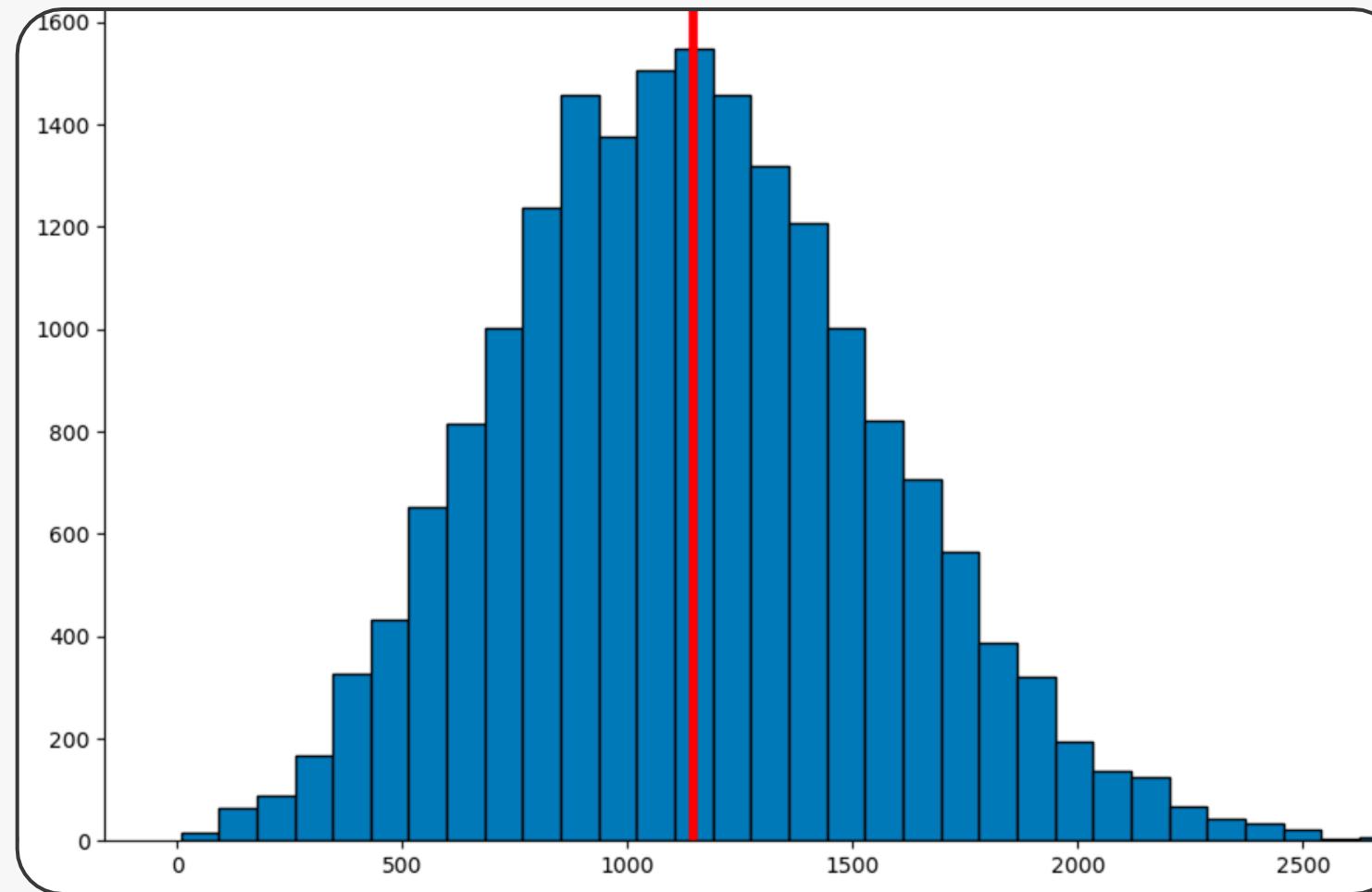
- Mean/Median Based Models
- Rule Based Models



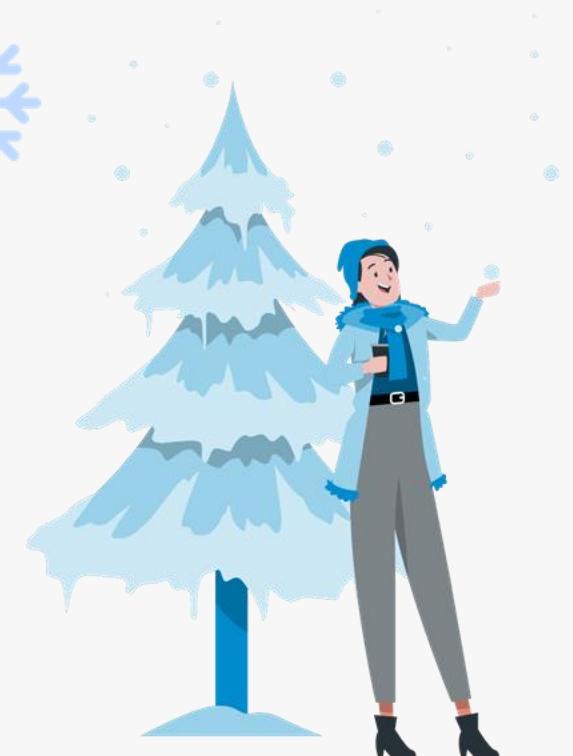
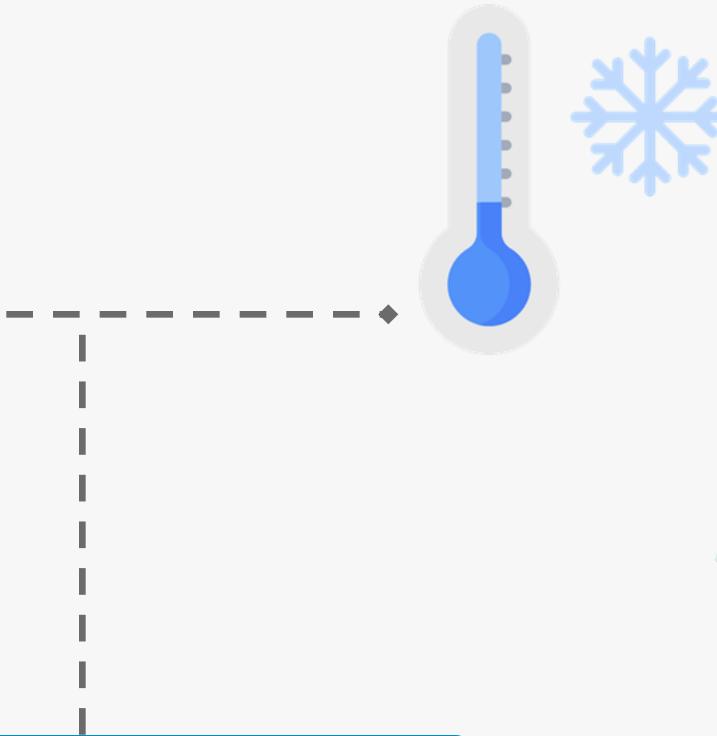
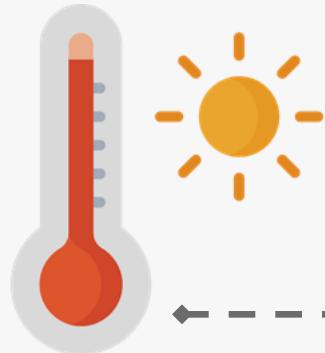


# Mean/Median Based Models

# Mean/Median



# Mean/Median



Different median temperatures



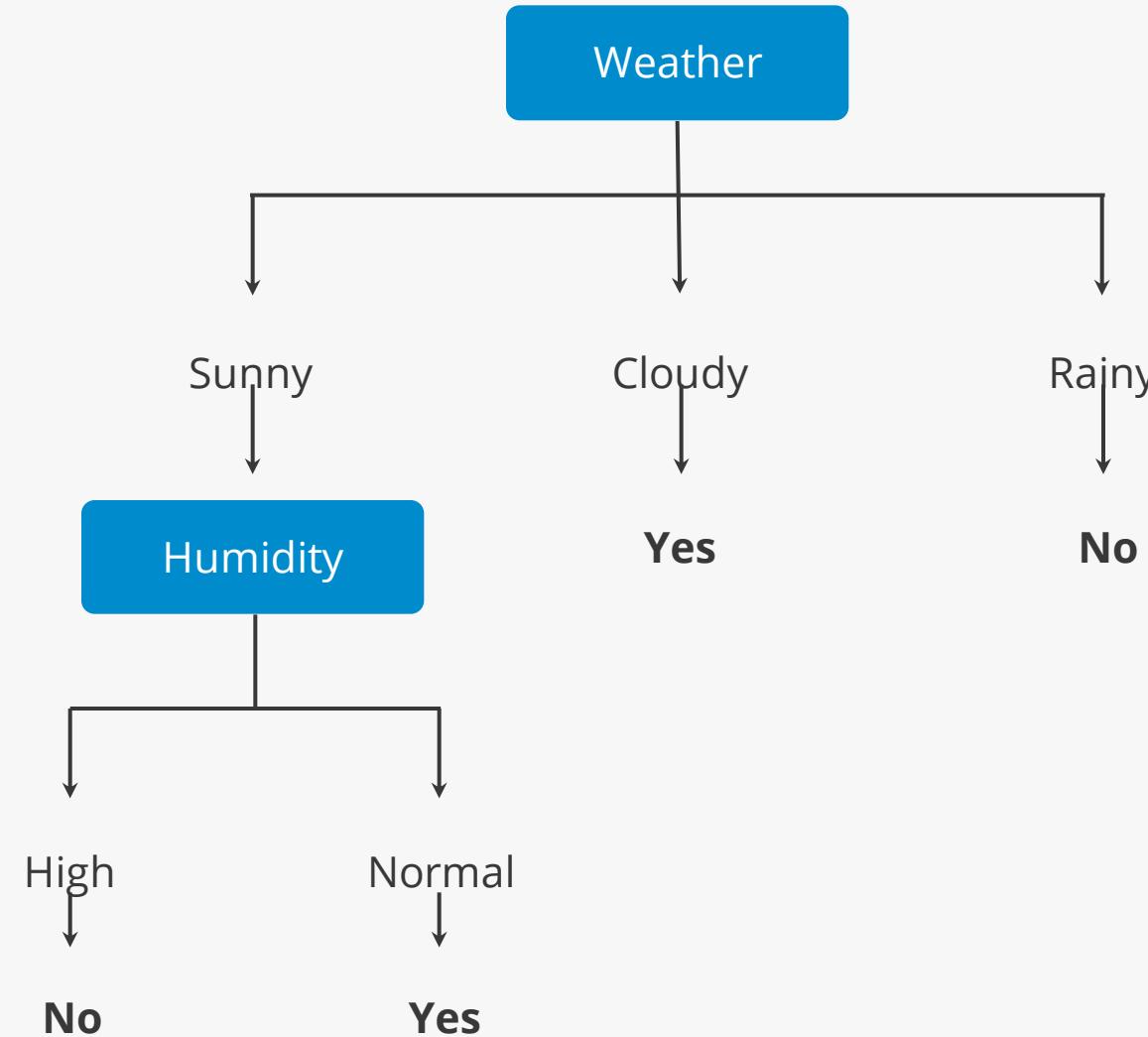
# Rule Based Models

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Creating a set of rules to make predictions based on detailed data analysis and business understanding.



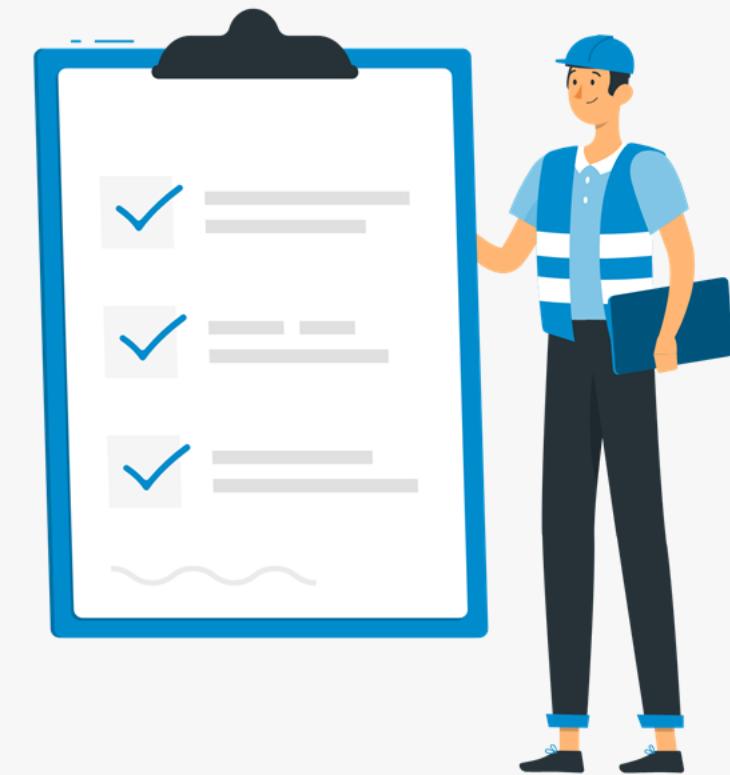
# Rule Based Models



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- Mean/Median Based Models
- Rule Based Models



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**Some common ways to build a prediction model include:**

- Mean/Median Based Models
- Rule Based Models
- Machine Learning Models

