Types of Machine Learning Problems

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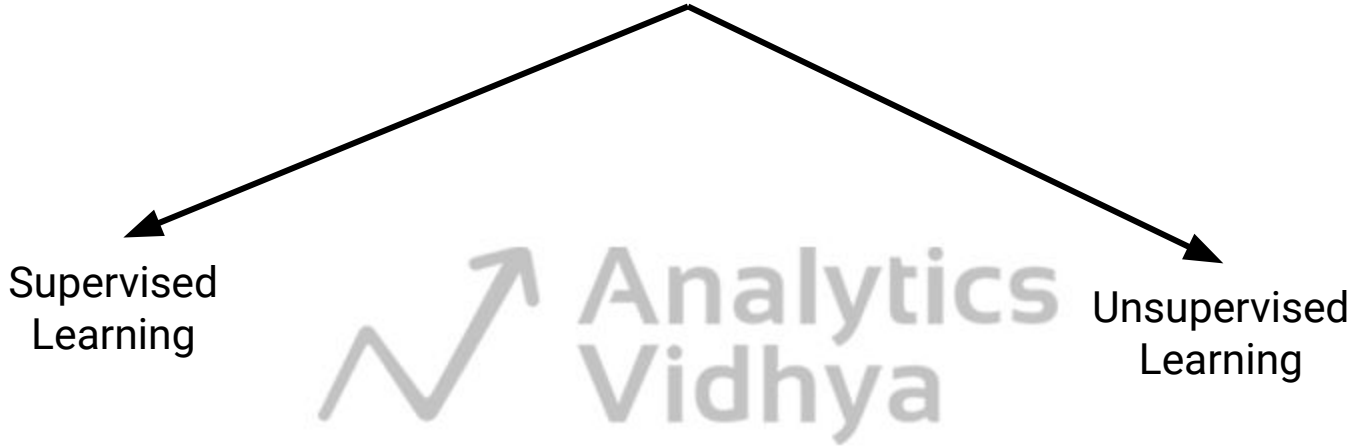
Machine Learning Problems



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Supervised Machine Learning

The computer is taught by example.

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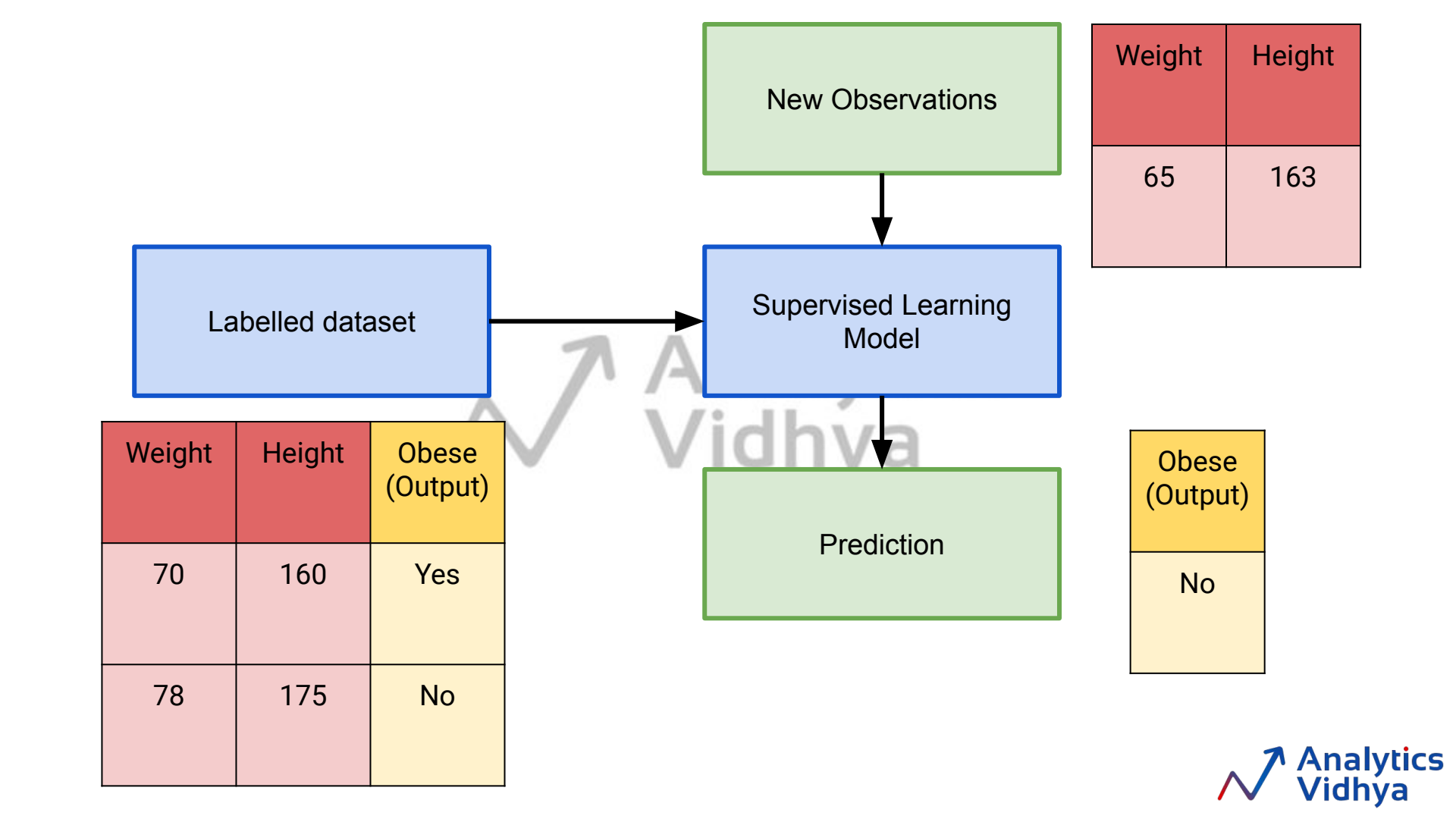
New Observations
Labelled dataset
Supervised Learning Model
Prediction
Weight
Height
65
163
Weight
Height
Obese (Output)
70
160
Yes
78
175
No
Obese (Output)
No
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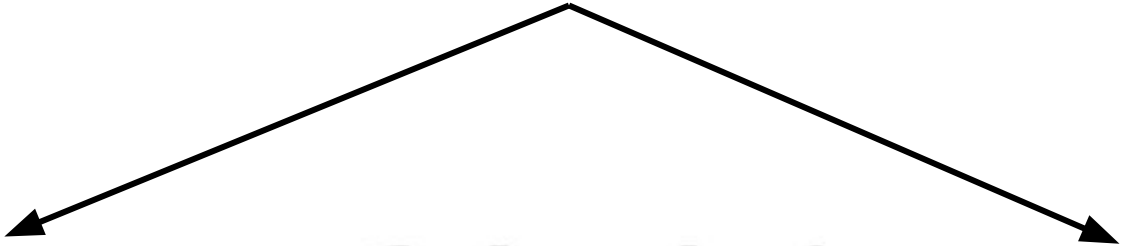
Supervised Machine Learning



Regression problem

Problems where the output variable is continuous in nature like weight, height, salary, price, etc.

Ex: Stock price prediction, Weather forecasting, etc.

Classification problem

Problems where the output variable belongs to one of the given categories like yes, no, pass, fail, etc.

Ex: Email spam filter, Image tagging, etc.

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Unsupervised Machine Learning

The computer is expected to learn by itself.

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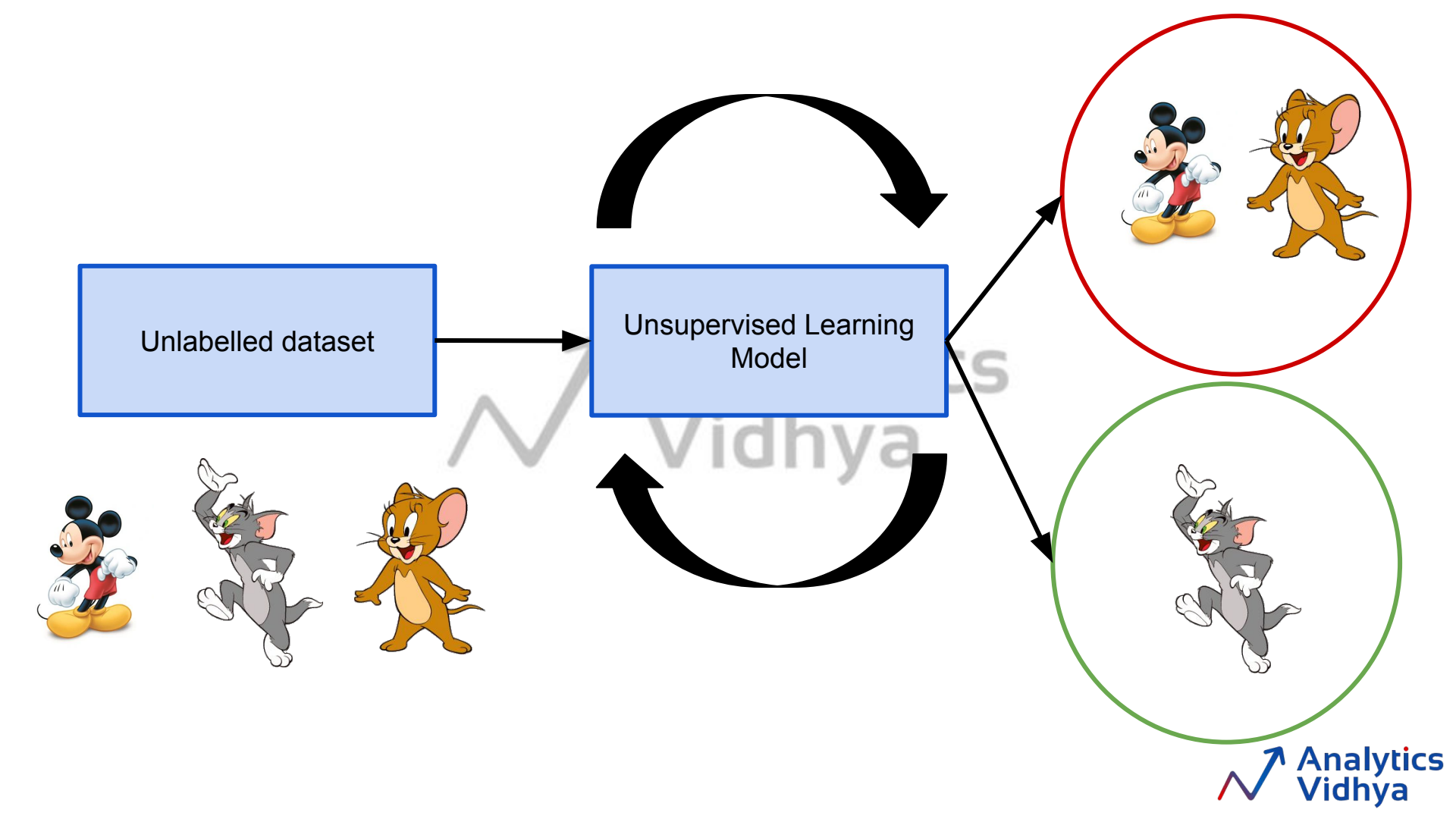
Unlabelled dataset
Unsupervised Learning Model
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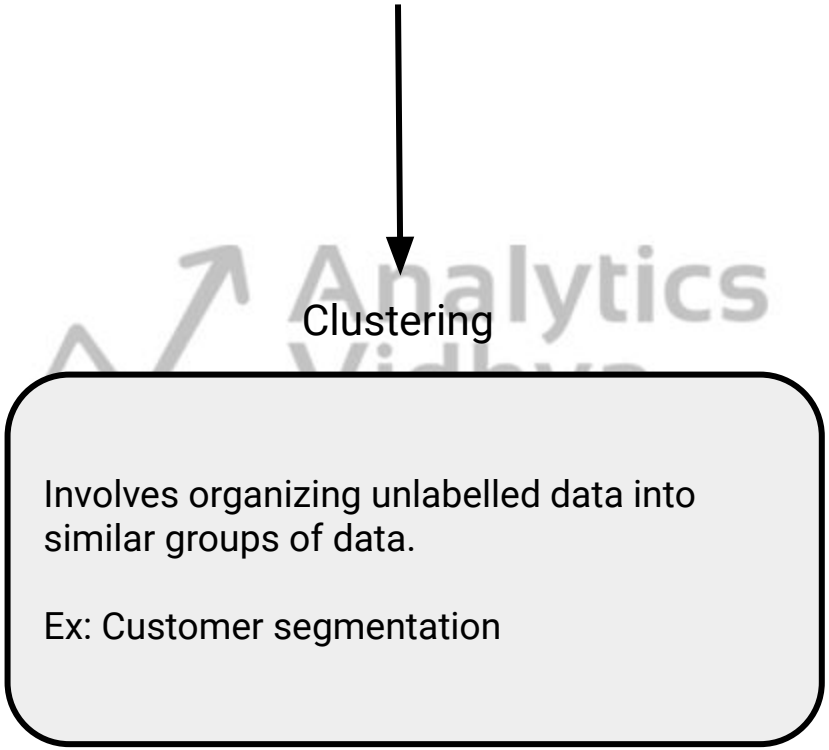
Unsupervised Machine Learning



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Thank You!!

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