Introduction to Machine learning

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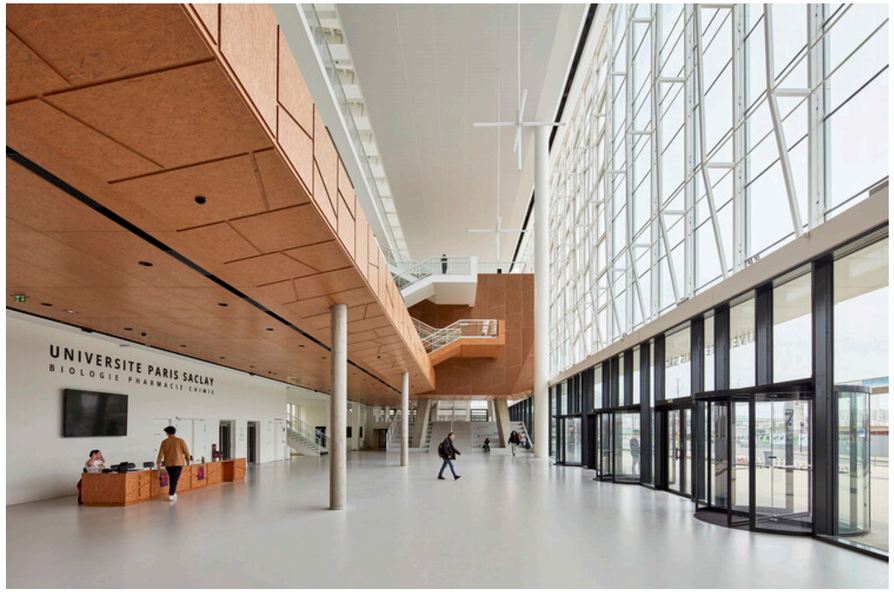
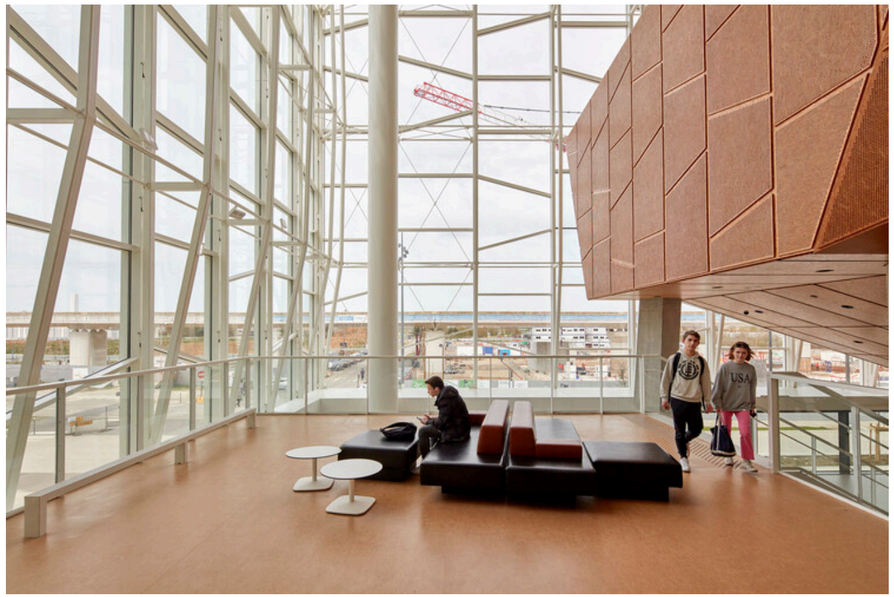
SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA





Machine learning Methods

Supervised learning

Unsupervised learning

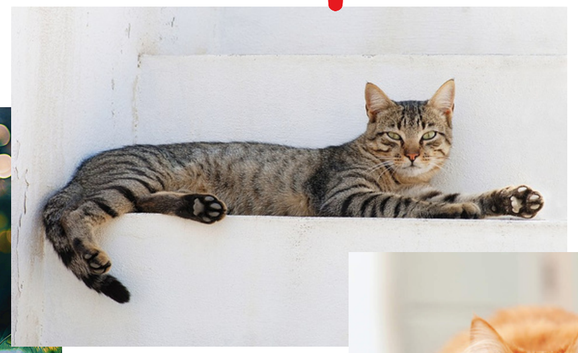
Continuous target variable

Categorical target variable

No target variable

1

1



training

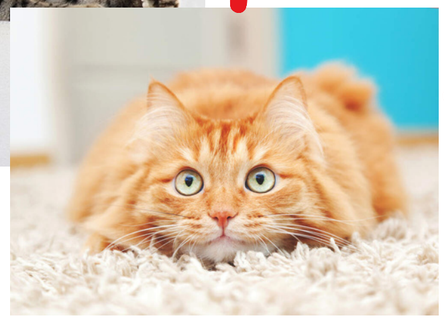
0

0

1

1

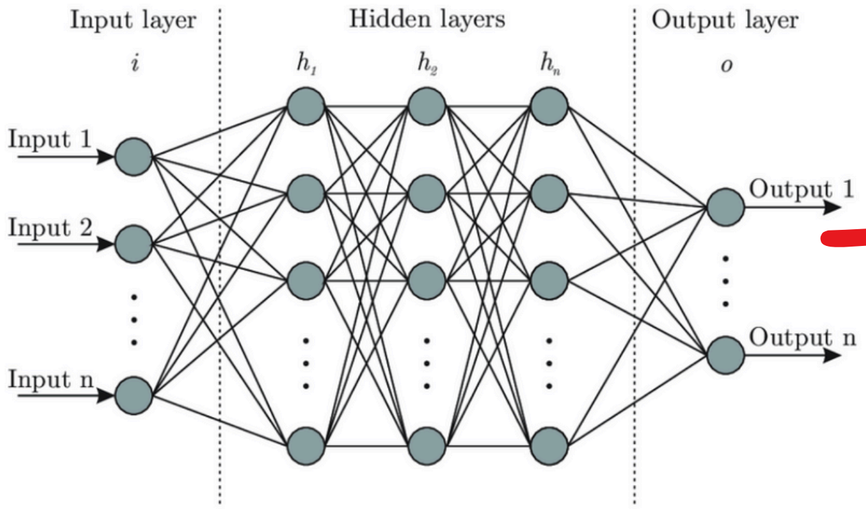
1



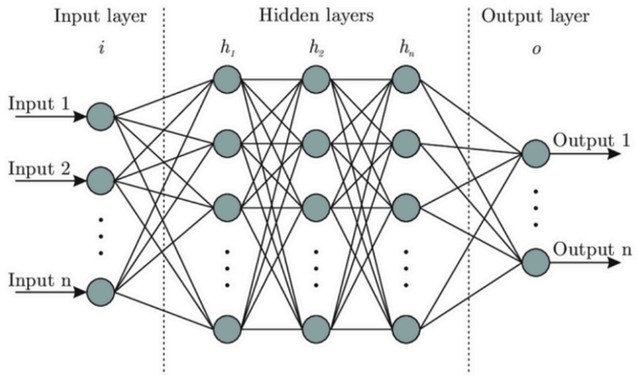
training

0

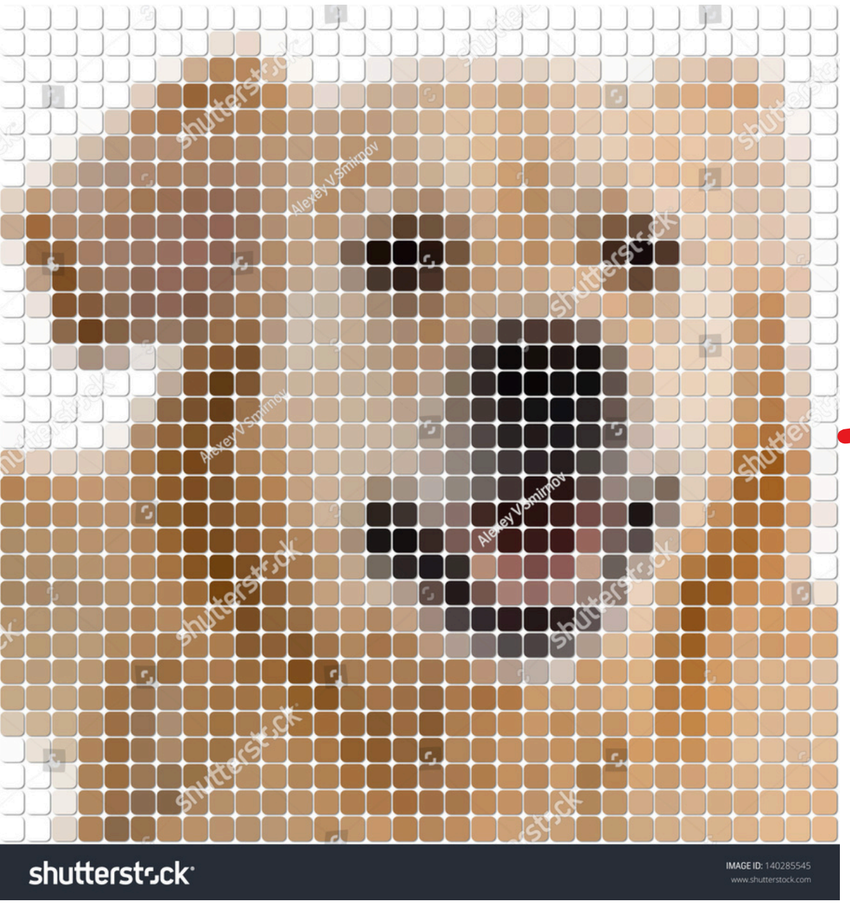
0



testing


Input layer
Hidden layers
Output layer
i
h_1
h_2
h_n
o
Input 1
Input 2
Input n
Output 1
Output n

1


shutterstock
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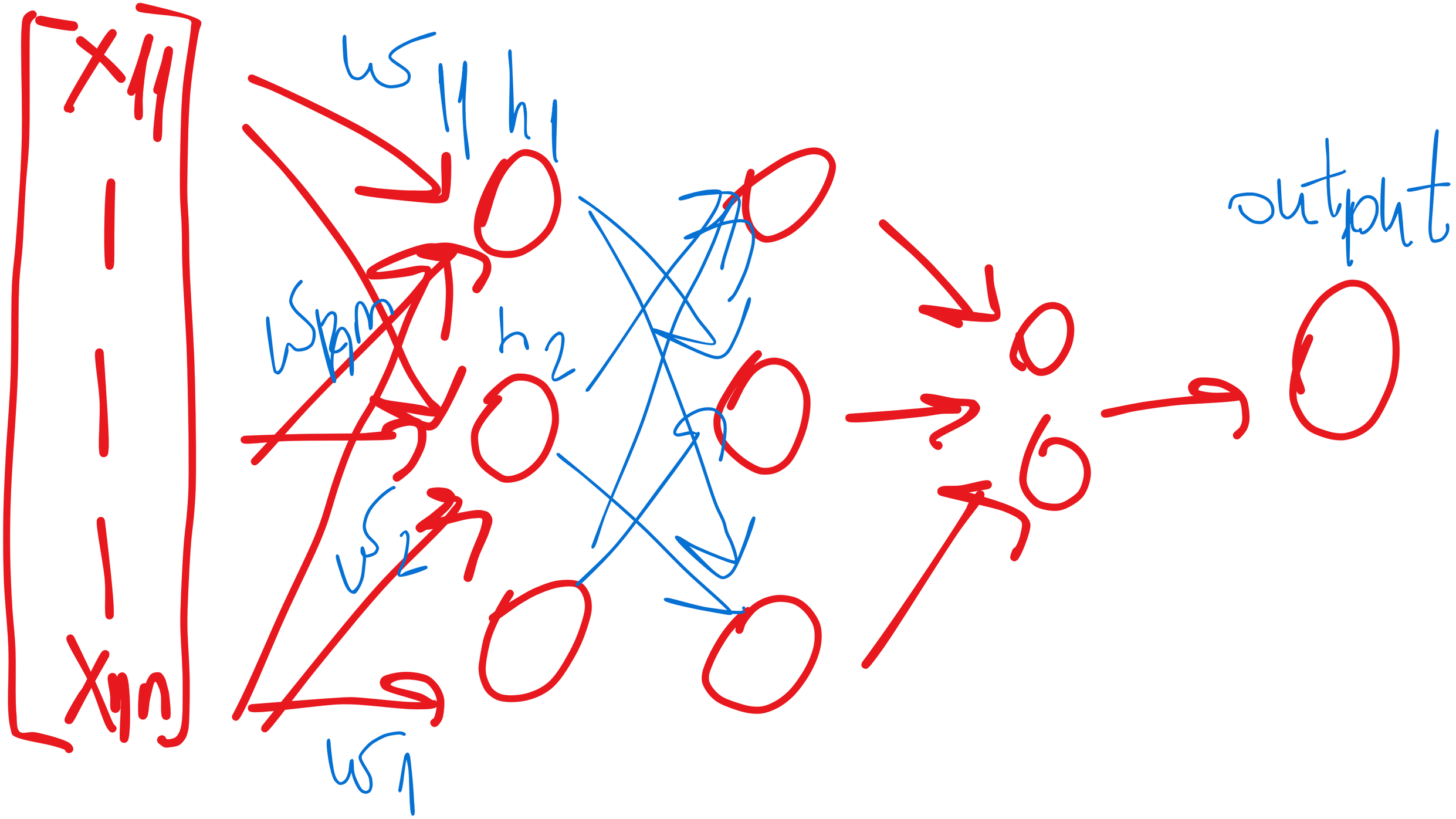

x_{11}
x_{1n}
w_{11}
h_1
w_{1n}
h_2
w_2
w_1
output

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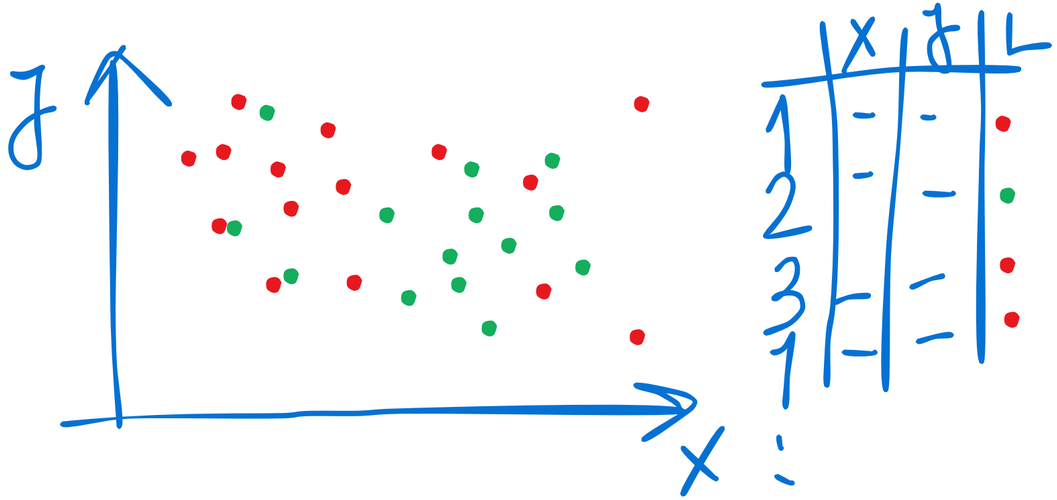

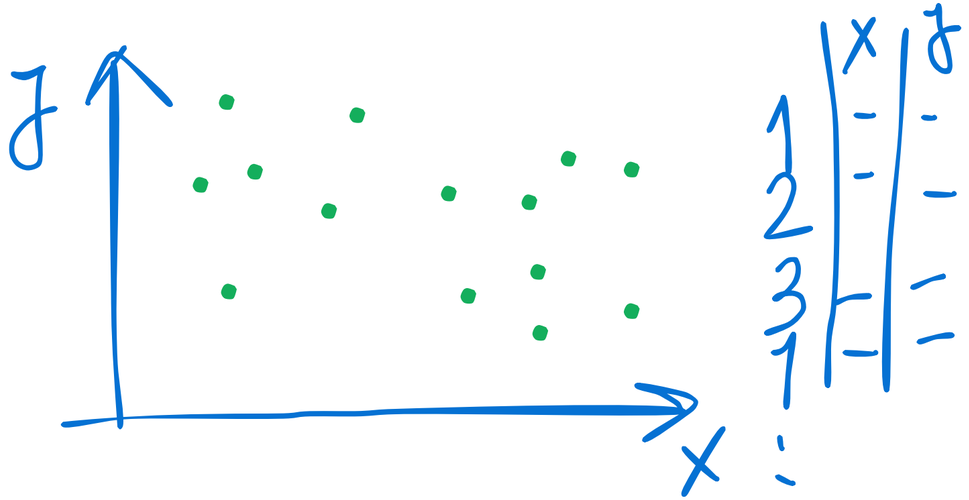

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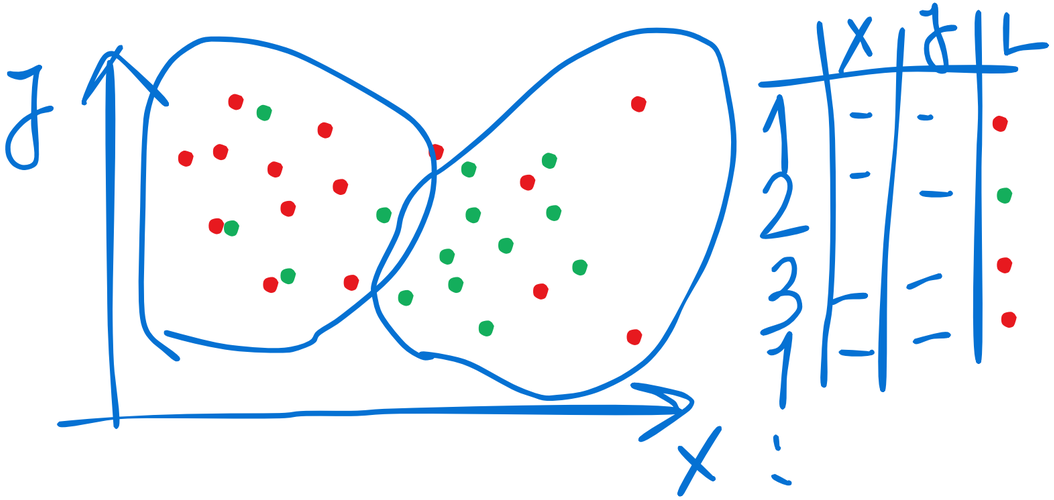

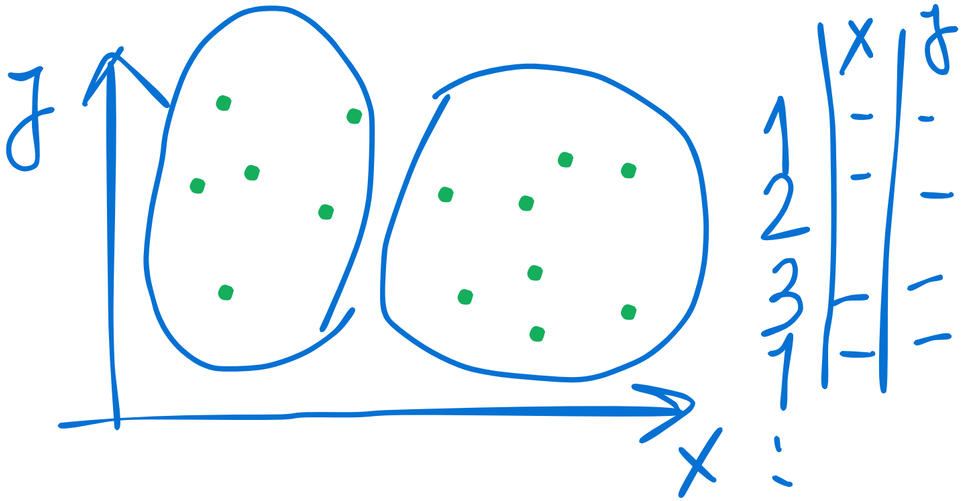

Thanks for your attention