

Week 1 Kahoot

Q1

Name	Balance	Age	Employed	Write-off
Mike	\$200,000	42	no	yes
Mary	\$35,000	33	yes	no
▶ Claudio	\$115,000	40	no	no
Robert	\$29,000	23	yes	yes
Dora	\$72,000	31	no	no

Here is an example dataset for training a model for loan write off. What do columns correspond to?

- labels
- **features and a label**
- data instances
- predictions

Q2

Name	Balance	Age	Employed	Write-off
Mike	\$200,000	42	no	yes
Mary	\$35,000	33	yes	no
▶ Claudio	\$115,000	40	no	no
Robert	\$29,000	23	yes	yes
Dora	\$72,000	31	no	no

Here is an example dataset for training a model. What do rows correspond to?

- labels
- features and a label
- **data instances**
- predictions

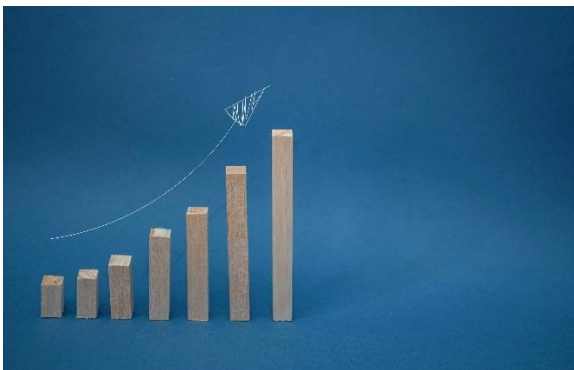
Q3



We need an ML model for loan write off. To apply supervised learning we need:

- Characteristics of clients when applying for a loan
- Characteristics of clients that repaid the loan (non write off)
- Characteristics of clients that did not repay the loan (write off)
- **Characteristics of clients when applying for a loan, writeoff & nonwriteoff**

Q4



What ML method should we apply to solve the problem: What will be the sales of Quarter 2 this year?

- Classification
- Clustering
- **Regression**
- Reinforcement learning

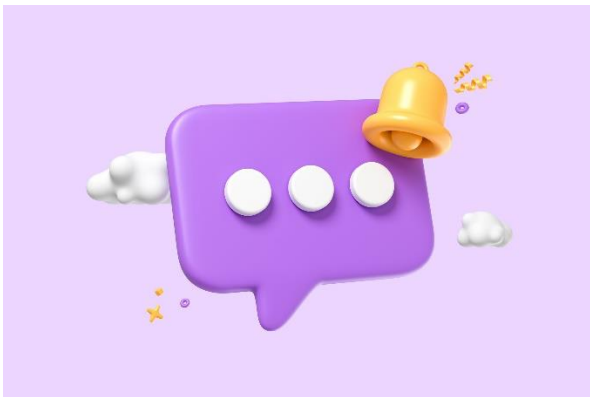
Q5



What ML method should we apply to solve the problem: What are the typical customer personas for this product?

- Classification
- **Clustering**
- Regression
- Reinforcement learning

Q6



What ML method should we apply to solve the problem: Is this email spam or not?

- **Classification**
- Clustering
- Regression
- Reinforcement learning

Q7



What ML method should we apply to solve the problem: Will a customer accept an upsell offer?

- **Classification**
- Clustering
- Regression
- Anomaly detection

Q8



What ML method should we apply to solve the problem: Is this transaction fraudulent (no examples of fraud available)

- Classification
- Clustering
- Regression
- **Anomaly detection**

Q9



When we put the model in production to detect client churn, we will be performing model inference.

- **True**
- False

Q10



I am really enjoying this course!

- **Yes, I absolutely am!**
- Not so much
- A bit.
- Not at all.