

Data Overflow Quiz - Week 1

Total des points 6/10 ?

Nom & Prenom

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✓ what are the qualities of a ML model that you don't need to set up by yourself unlike the traditional programming ? * 2/2

☐ Gathering the data

☒ Updating the rules



☐ Having a scope of the expected output

☒ Specifying the rules (conditions)



✗ what are the cases where it's nearly impossible to implement a traditional programming approach ? 0/2

☐ The set of rules are specific to the given user and not universal ones

☒ The set of rules can be universal at first but it updates according to the user's needs or behavior



☒ The set of rules are very long but universal



Bonne réponse

☒ The set of rules are specific to the given user and not universal ones

☒ The set of rules can be universal at first but it updates according to the user's needs or behavior



✓ Given the same dataset to work with, what are the methods that you are allowed to choose between ? 2/2

☐ To be data driven(supervised) or task driven (unsupervised)

☒ To be Model-based or Instance-based



☒ To be classification or Regression in case of supervised learning



✓ The dataset that allows us to make a Supervised learning Model can be useful to make an unsupervised Model too ? 1/1

☐ No

☒ yes



✗ Let's say we want to make a ML Model that can detect the primary color of clothes(red , blue, green ...) based on a dataset that contains the HexColor of the piece of clothe as a feature. we are going to use this ML model to predict the Color of clothes that belong to a store during the span of one year. Given the information all above, pick the suitable approach for the ML model in the next 3 questions. 0/1

☐ Supervised Learning

☒ Unsupervised Learning



Bonne réponse

☒ Supervised Learning



✗ Same Case above

0/1

- ☐ Batch-learning
- ☒ Online-Learning

✗

Bonne réponse

- ☒ Batch-learning

✓ Same Case above

1/1

- ☐ Instance-Based Learning
- ☒ Model-Based Learning

✓

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