

A black and white photograph of a chessboard with various chess pieces. The pieces are arranged in a way that suggests a game in progress. The lighting is dramatic, with strong highlights and shadows.

Projet 7

Participez à une compétition
Kaggle !

Adrian Rodriguez
Ingénieur Machine Learning

kaggle

OPENCLASSROOMS



CentraleSupélec

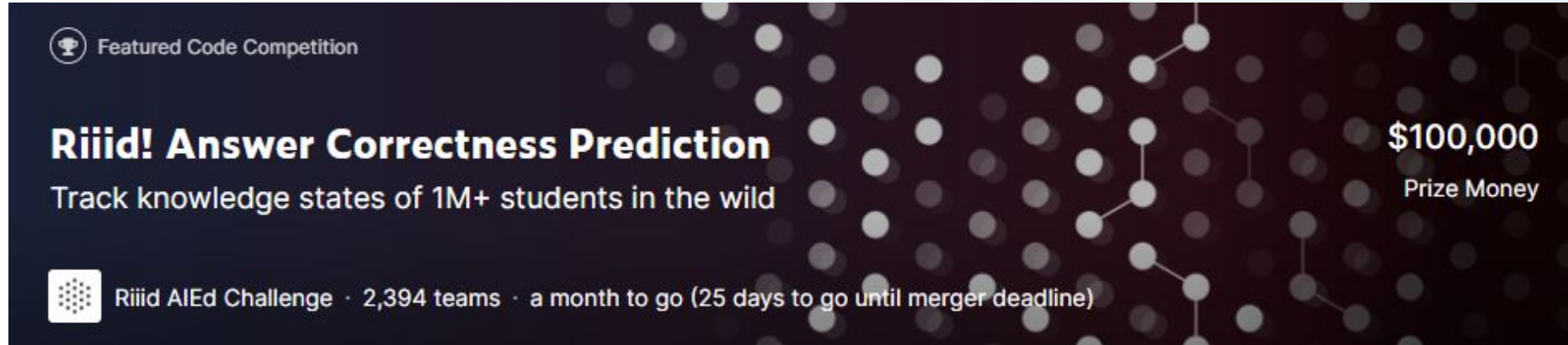
Kaggle ? C'est quoi ?

1

2

100m SPRINT

Choix de la compétition



Featured Code Competition

Riiid! Answer Correctness Prediction

Track knowledge states of 1M+ students in the wild

\$100,000
Prize Money

Riiid AEd Challenge · 2,394 teams · a month to go (25 days to go until merger deadline)

Jeu de données



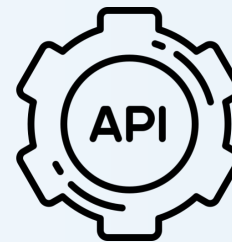
train.csv



questions.csv

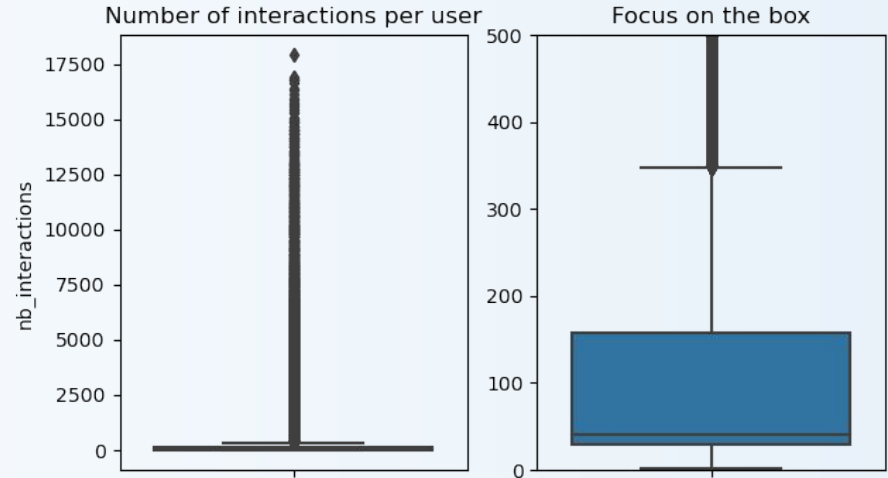
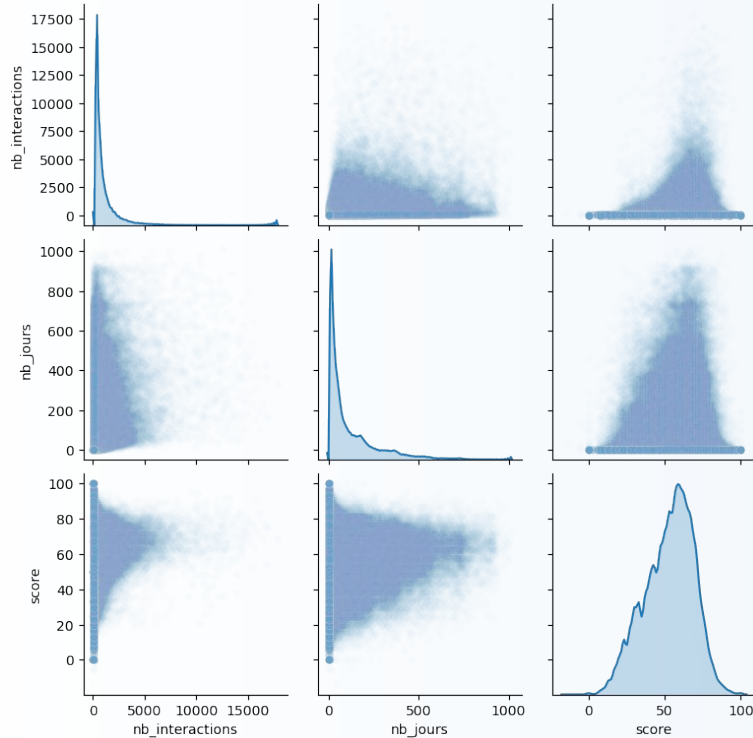


lectures.csv

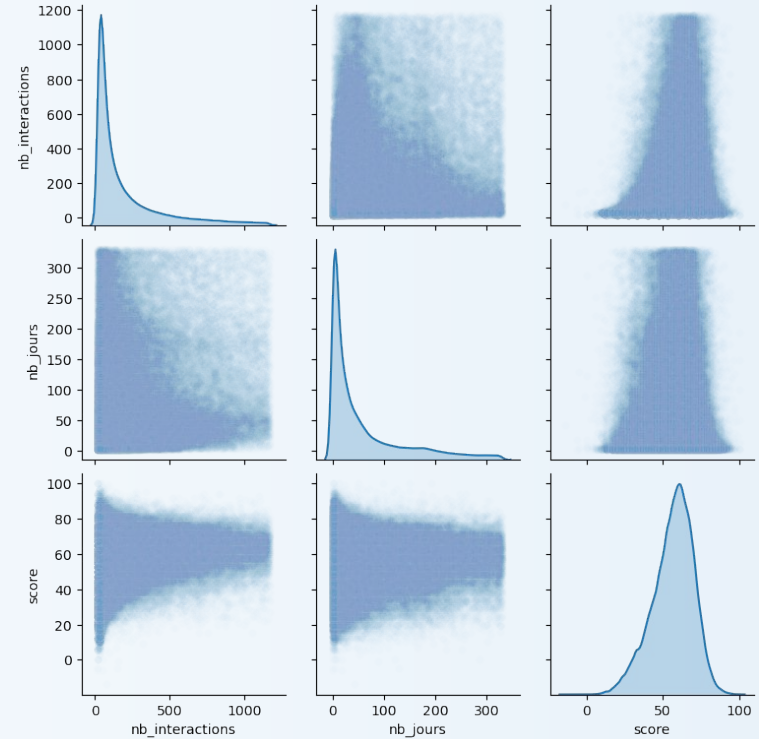
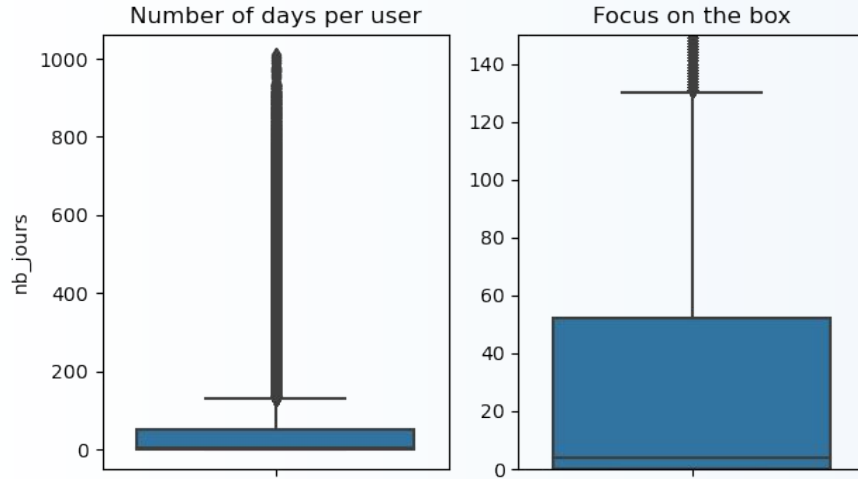


Test data

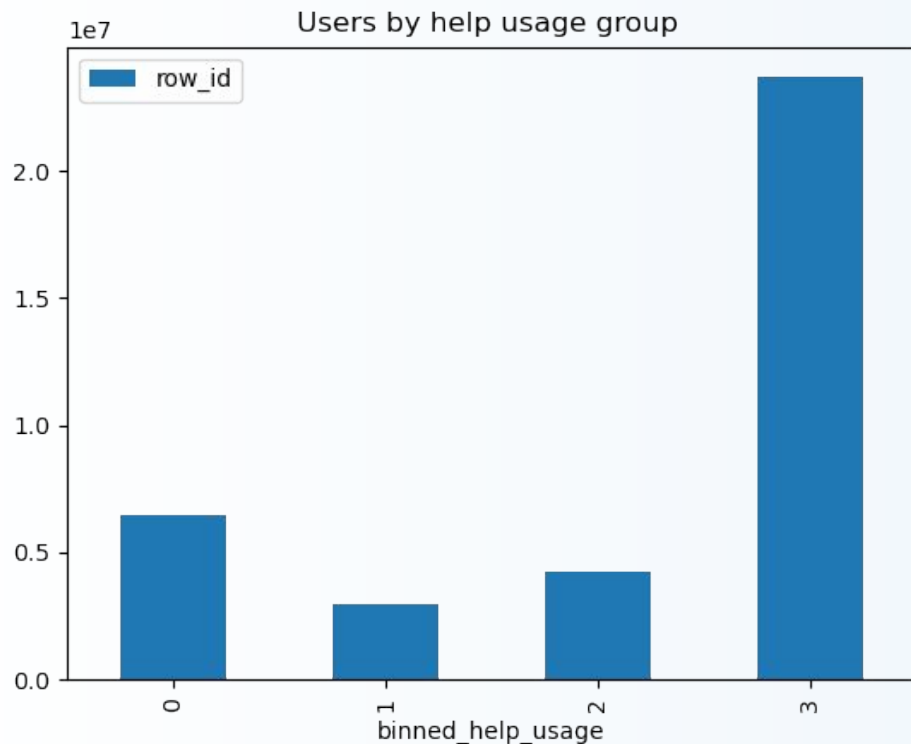
Travail préalable : Nettoyage



Travail préalable : Nettoyage



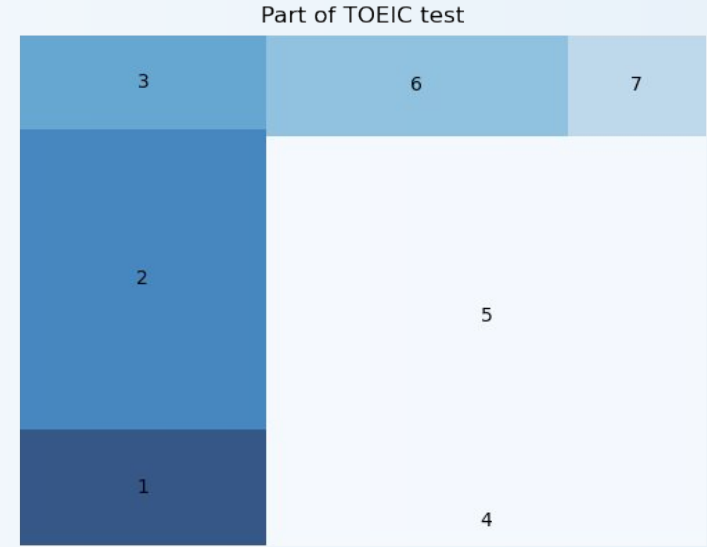
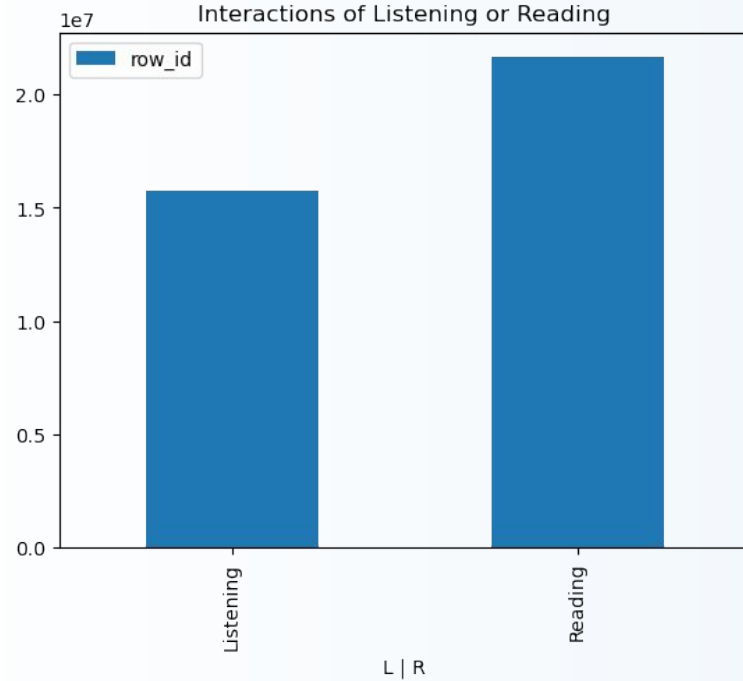
Travail préalable : Features engineering



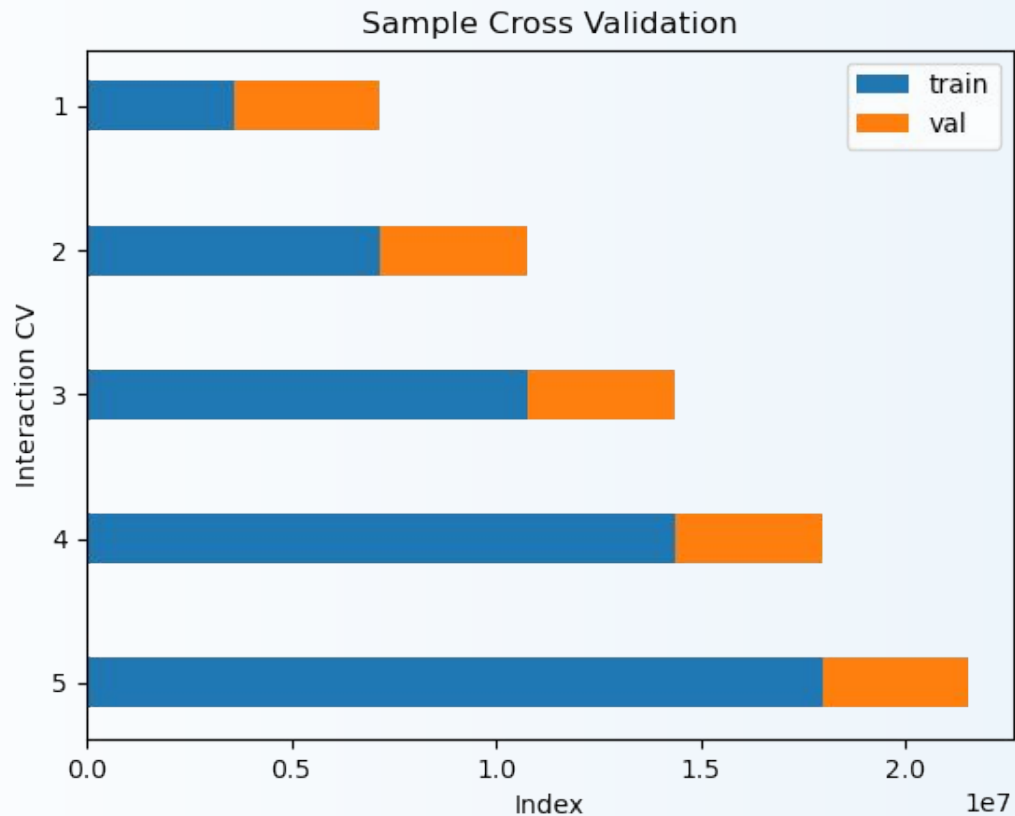
Utilisation des conférences dans le parcours utilisateur :

- Groupe 0 : Aucune
- Groupe 1 : 1 utilisation des conférences
- Groupe 2 : 2 ou 3 utilisations de conférences
- Groupe 3 : 4 utilisations et plus des conférences

Travail préalable : Features engineering



Travail préalable : Stratégie de validation



Travail préalable : Modélisation



Travail préalable : Soumission à la communauté



Cleaning users ✨ Features engineering

Updated 7d ago

11 comments · Riiid! Answer Correctness Prediction +1



● Silver ...



Cross Validation Strategy with part of TOEIC Test

Updated 7h ago

0 comments · Riiid! Answer Correctness Prediction +1



...



Starter notebook : Compréhension de la démarche




Riid! LGBM Starter

Updated 24d ago

Score: 0.758 · 21 comments · Riid! Answer Correctness Prediction +1

106


Gold ...



sazuma

Kaggler at home
Saitama, Saitama, Japan
Joined 2 years ago · last seen 5 days ago


Followers 17
Following 19



Competitions
Expert


[Home](#) [Competitions \(10\)](#) [Notebooks \(4\)](#) [Discussion \(16\)](#) [Followers \(17\)](#) [Contact User](#) [Unfollow User](#)


Competitions
Expert




Current Rank
1794
of 151,773

Highest Rank
1231

 0

 1

 1

Google QUEST ...
10 months ago
Top 3%

43rd
of 1571


PetFinder.my Ad...
2 years ago
Top 9%

177th
of 2023


Freesound Audi...
a year ago
Top 14%


121st
of 880


Datasets
Contributor



Unranked


 0

 0


 0


No dataset results.


Notebooks
Contributor



Unranked

 2

 0

 0

Tweet Sentimen...
6 months ago

191
votes


Riid! LGBM Star...
24 days ago

106
votes


ConnectX with ...
8 months ago


8
votes


Discussion
Contributor



Unranked

 0

 0

 9

Tweet Sentimen...
6 months ago

4
votes

Tweet Sentimen...
6 months ago

2
votes

Tweet Sentimen...
6 months ago

2
votes

Starter notebook : Compréhension de la démarche

Encodage
cible

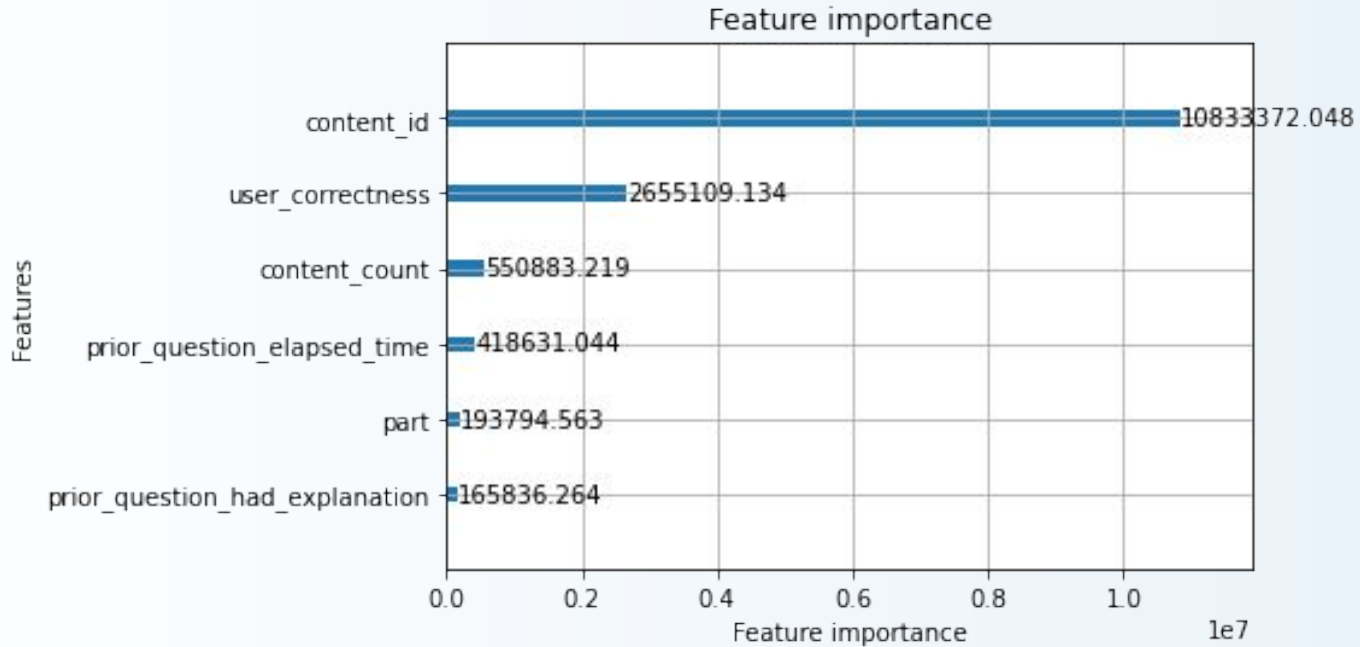


Stratégie de
validation



Teacher AI

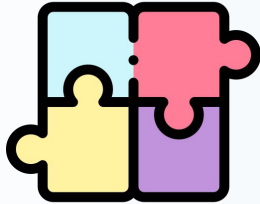
Starter notebook : Compréhension de la démarche



Starter notebook : Application du travail préalable

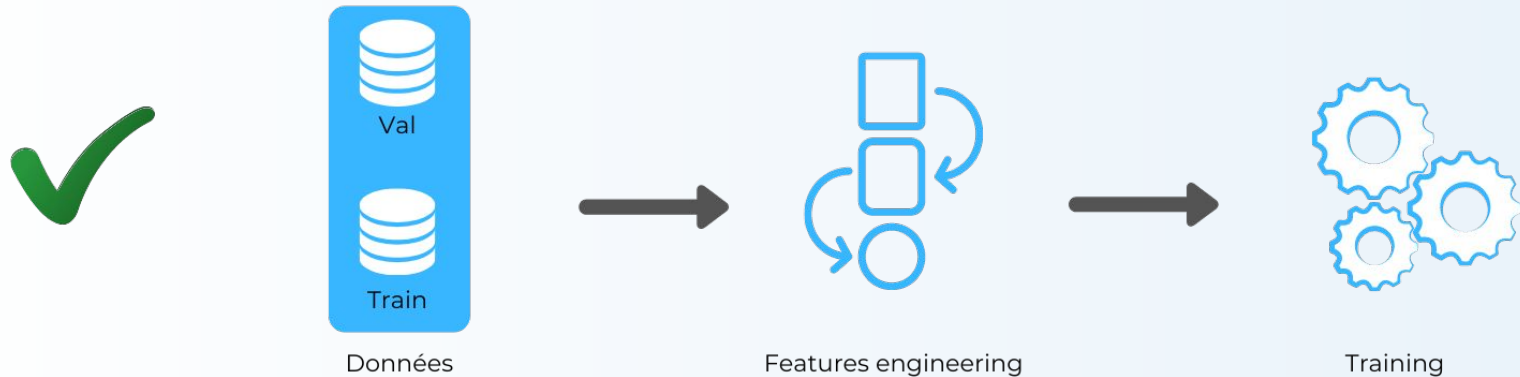
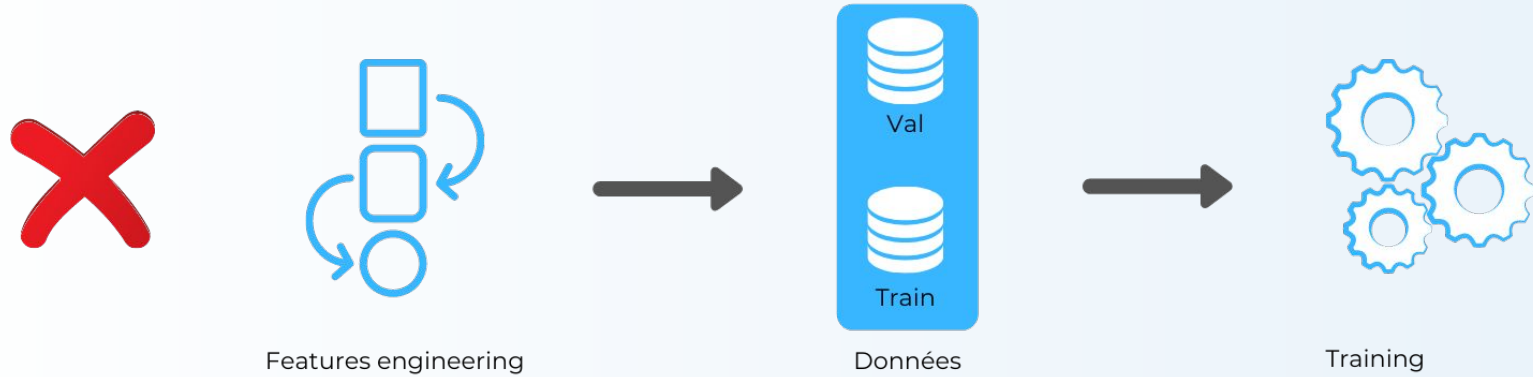


Nettoyage des utilisateurs



Features engineering

Starter notebook : Stratégie de validation



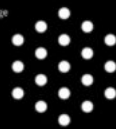
Starter notebook : Optimisation des hyper paramètres

learning_rate	max_bin
0.01	127
0.05	800
	1600

Evolution vers un modèle transformer

Riiid_AIEd_CHALLENGE!
_2020

Riiid AIEd challenge
2020



OPEN A NEW ERA OF AI EDUCATION

