

A black and white photograph of a chessboard with various pieces. In the center, there is a white rounded rectangle containing text. At the bottom, there is a white banner with three logos.

Projet 7

Participez à une compétition
Kaggle !

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Ingénieur Machine Learning

kaggle

OPENCLASSROOMS



CentraleSupélec

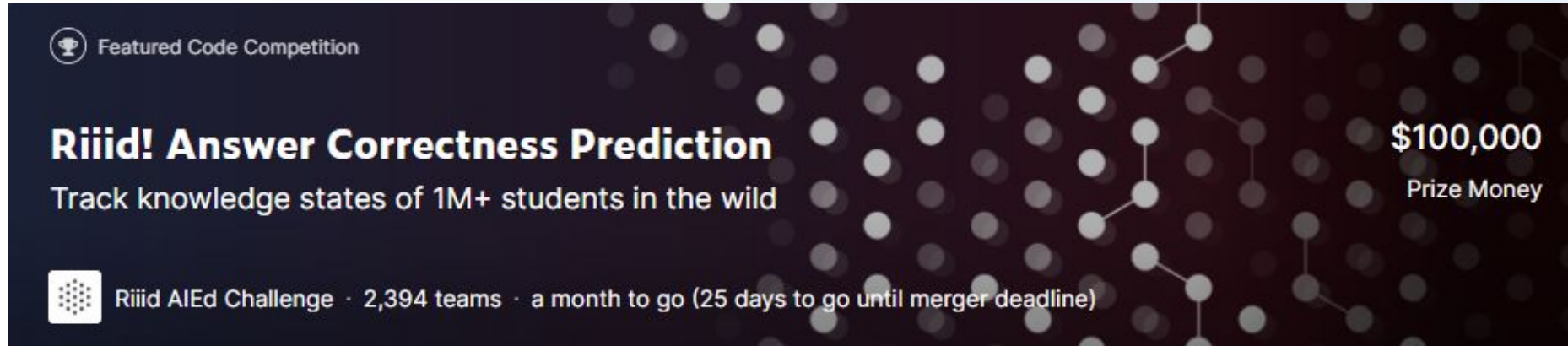
Kaggle ? C'est quoi ?

1

2

100m SPRINT

Choix de la compétition



The banner features a dark background with a pattern of white and grey dots and lines, resembling a network or molecular structure. On the left, there is a small icon of a trophy inside a circle. The text is arranged in a clear, hierarchical manner, with the competition name in large bold letters, followed by a descriptive sentence, the prize amount in large bold letters, and a status line at the bottom.

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



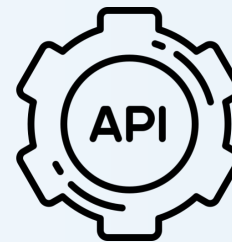
train.csv



questions.csv

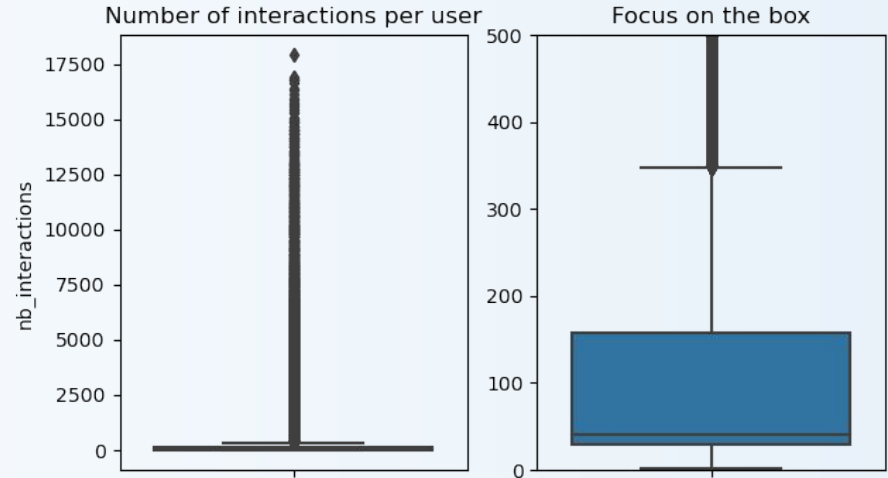
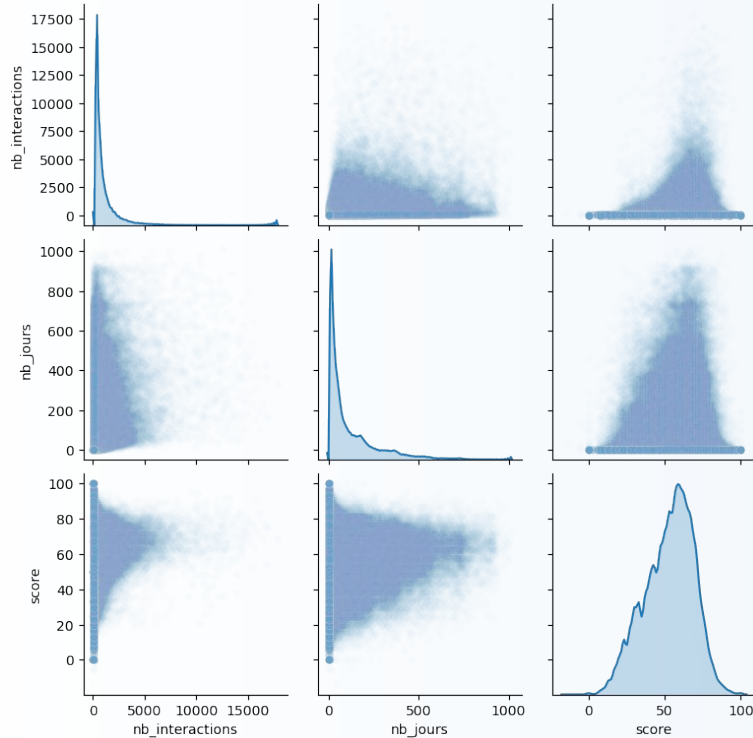


lectures.csv

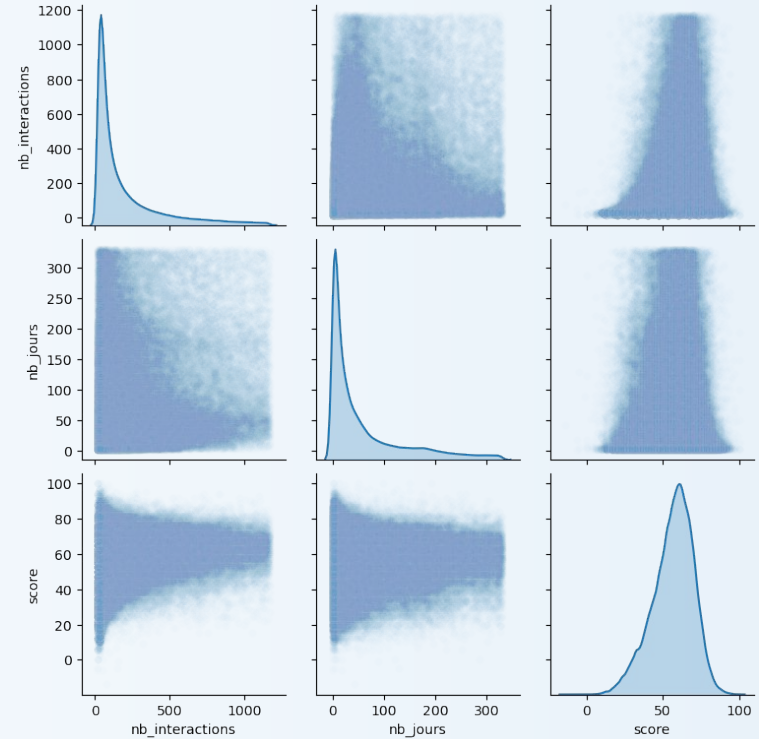
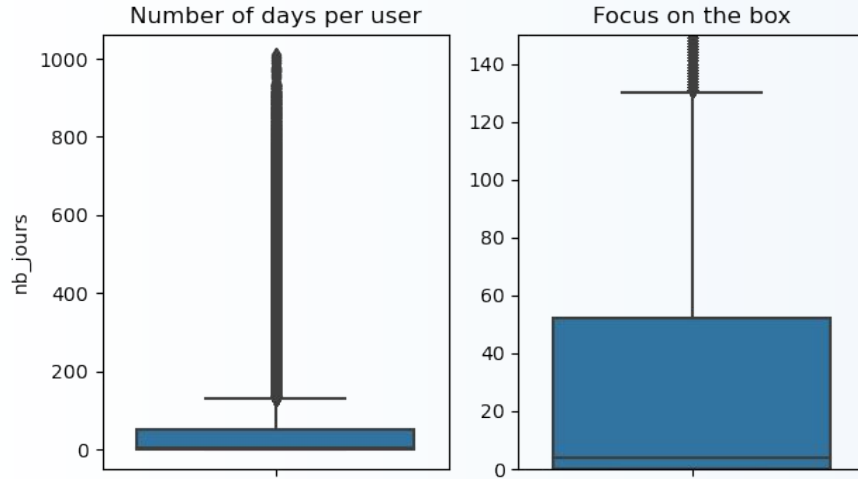


Test data

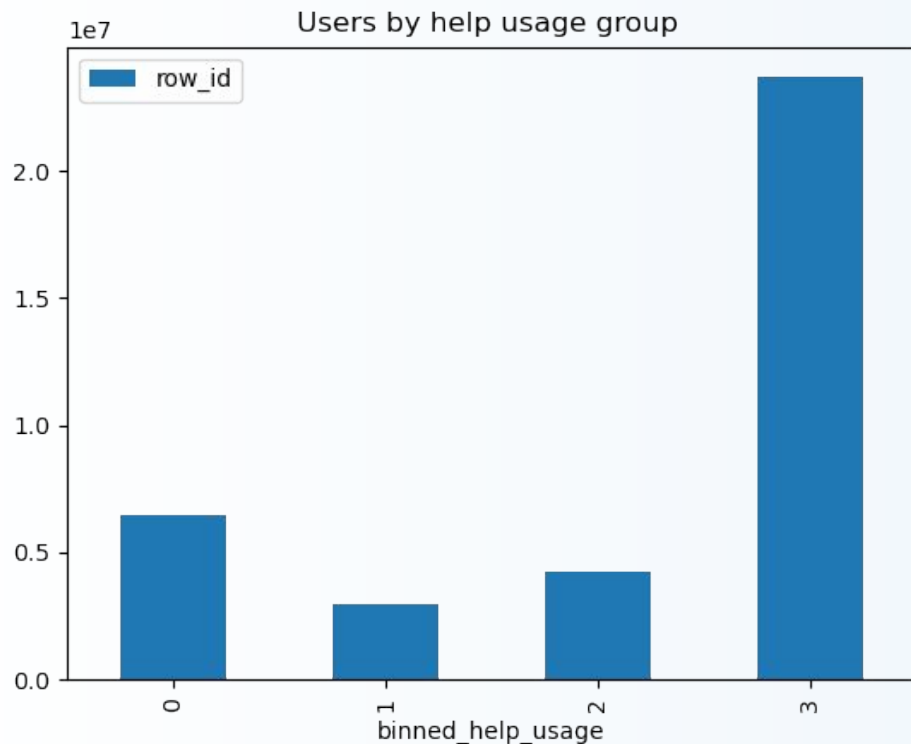
Travail préalable : Nettoyage



Travail préalable : Nettoyage



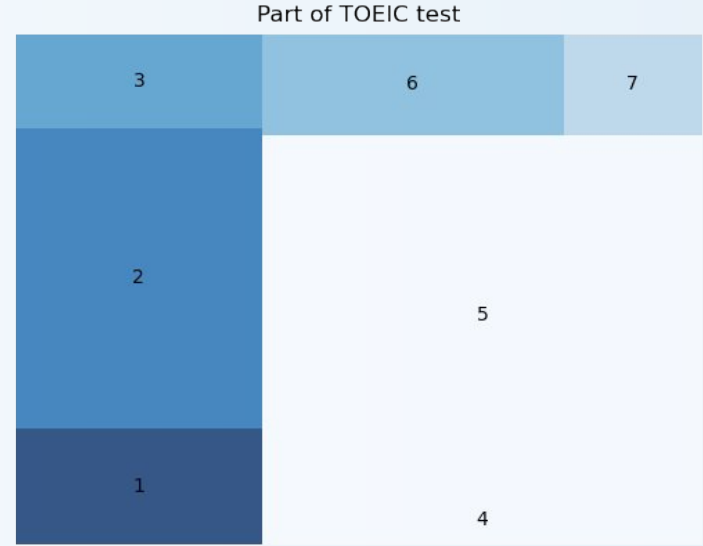
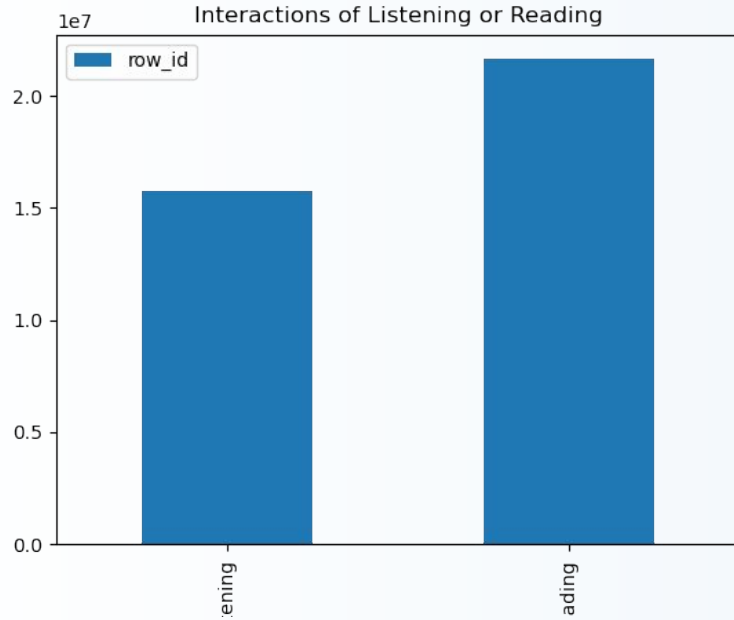
Travail préalable : Features engineering



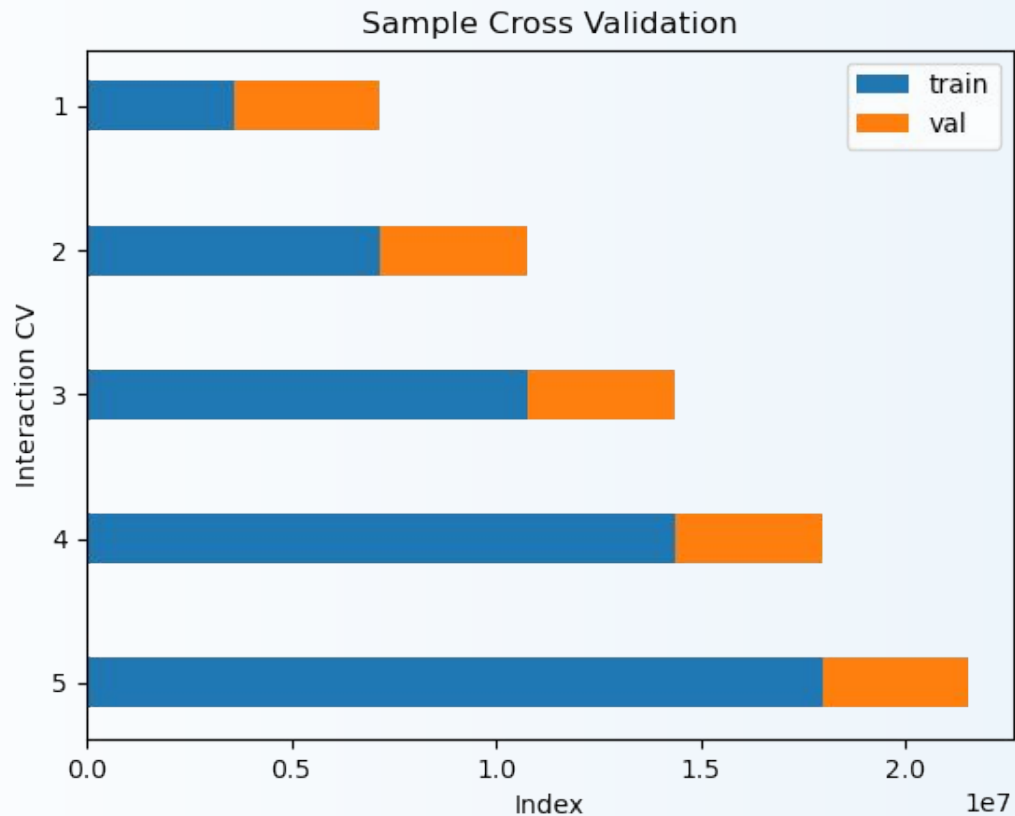
Utilisation des conférences dans le parcours utilisateur :

- 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

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Competitions Expert	Datasets Contributor	Notebooks Contributor	Discussion Contributor
<p>Current Rank 1794 of 151,773</p> <p>Highest Rank 1231</p> <p>0 1 1</p> <p>Google QUEST ... 10 months ago Top 3%</p> <p>PetFinder.my Ad... 2 years ago Top 9%</p> <p>Freesound Audi... a year ago Top 14%</p> <p>43rd of 1571</p> <p>177th of 2023</p> <p>121st of 880</p>	<p>Unranked</p> <p>0 0 0</p> <p>No dataset results.</p>	<p>Unranked</p> <p>2 0 0</p> <p>Tweet Sentimen... 6 months ago 191 votes</p> <p>Riid! LGBM Star... 24 days ago 106 votes</p> <p>ConnectX with ... 8 months ago 8 votes</p>	<p>Unranked</p> <p>0 0 9</p> <p>Tweet Sentimen... 6 months ago 4 votes</p> <p>Tweet Sentimen... 6 months ago 2 votes</p> <p>Tweet Sentimen... 6 months ago 2 votes</p>



Starter notebook : Compréhension de la démarche

Encodage
cible

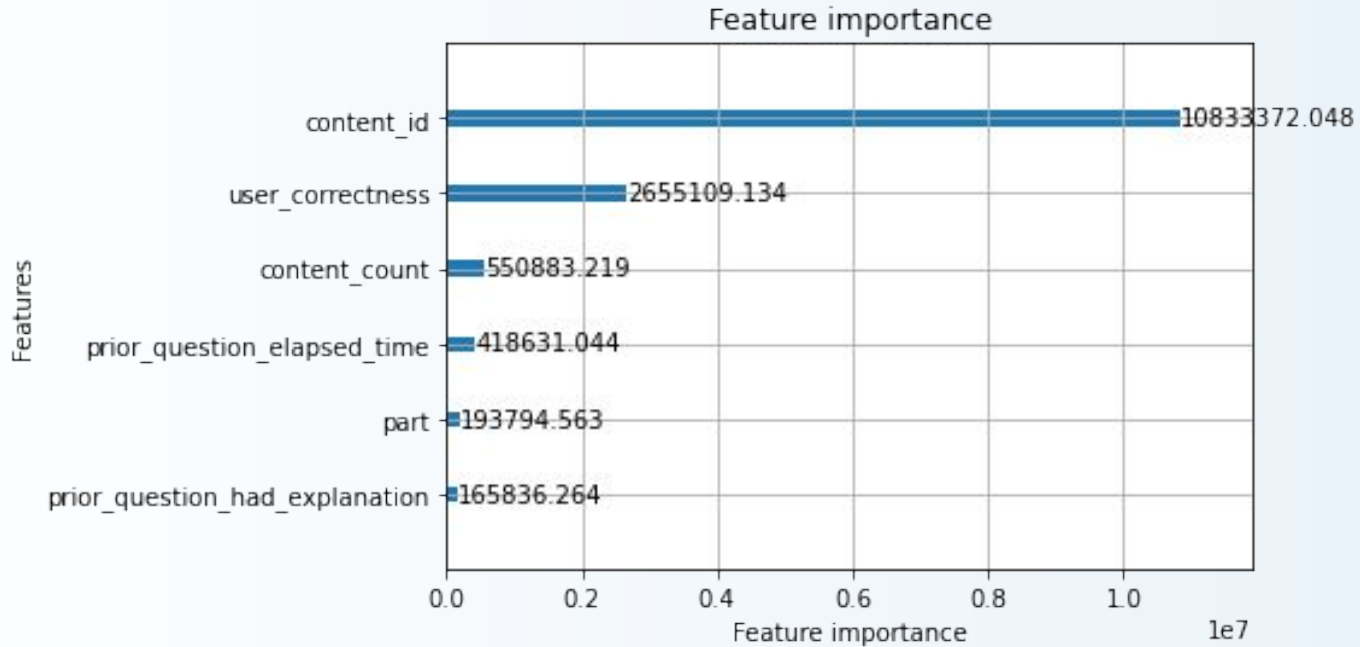


Stratégie de
validation



Teacher AI

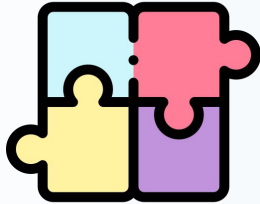
Starter notebook : Compréhension de la démarche



Starter notebook : Application du travail préalable

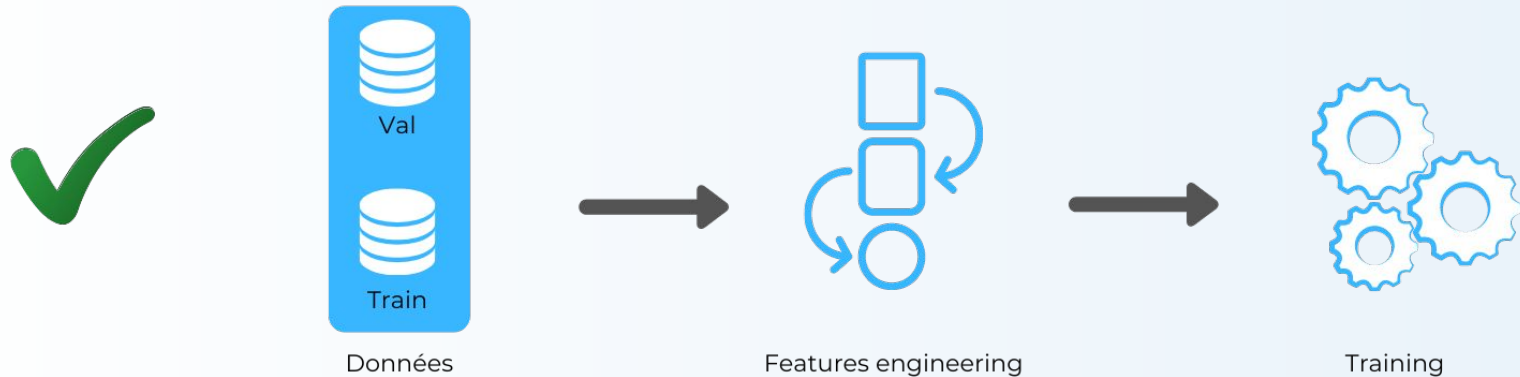
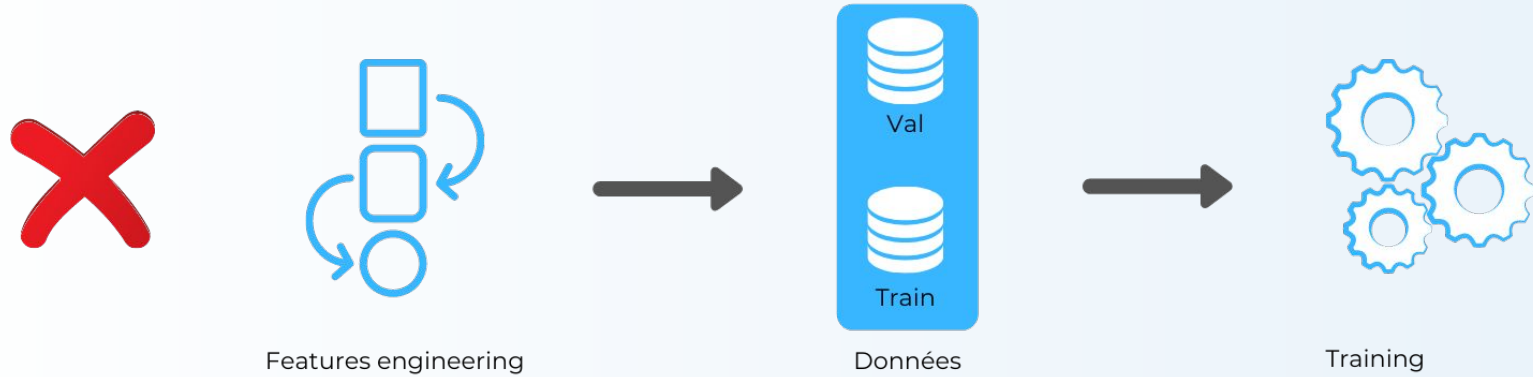


Nettoyage des utilisateurs



Features engineering

Starter notebook : Stratégie de validation



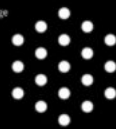
Starter notebook : Optimisation des hyper paramètres

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

