



Правильн Correct!



 $9. \quad \text{Why can perception tasks in Finance involve Reinforcement Learning?}$



In Finance, expectations regarding the future are sometimes embedded in perception of today's environment. If this future is influenced by actions of rational agents, Reinforcement Learning might be an appropriate framework.

Правильн Correct!

- All this is a way too abstract stuff for me. Can we move on to TensorFlow demos please?
- Simply by induction: As Reinforcement Learning is a sort of Deep Learning, and Deep Learning always beats any other ML algorithms, it follows that all perception tasks in Finance should better start with Reinforcement Learning.



 $10\,$. Choose all correct answers: What are the main differences between Machine Learning in Finance and Machine Learning in Tech?



Financial data is typically non-stationary.

This is a correct answer.

In Finance, relevant data is often of a medium-to-large size.

This is a correct answer.

The noise-to-signal ratio is typically higher for Financial data than for data used in Tech applications.

This is a correct answer.

There are no differences, really. The Gradient Boosting algorithm always works. Now, can you show us some TensorFlow demos, please?

правильно, этот вариант не должен быть выбран