

Automated Testing Strategies

Application that allows the users to import trading strategies and run automated continuous tests on them.

Created by: ioan99alexandra
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Context of use: Other
Level of education: Bachelor

Technology Impact Cycle Tool

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Impact on society

What impact is expected from your technology?

This category is only partial filled.

What is exactly the problem? Is it really a problem? Are you sure?

Data sellers, brokers and trading platform owners are more interested in maximizing their profits rather than helping beginner or independent traders. They might even tweak their algorithms in order to make traders lose money.

The best solution to counter this is for the user to perform their own tests rather than depending on these platforms. However, manually testing strategies can be a very time-consuming and laborious task.

Are you sure that this technology is solving the RIGHT problem?

This question has not been answered yet.

How is this technology going to solve the problem?

This question has not been answered yet.

What negative effects do you expect from this technology?

This question has not been answered yet.

In what way is this technology contributing to a world you want to live in?

This question has not been answered yet.

Now that you have thought hard about the impact of this technology on society (by filling out the questions above), what improvements would you like to make to the technology? List them below.

This question has not been answered yet.

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Hateful and criminal actors

What can bad actors do with your technology?

This category has not been filled yet.

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Privacy

Are you considering the privacy & personal data of the users of your technology?

This category has not been filled yet.

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Human values

How does the technology affect your human values?

This category is only partial filled.

How is the identity of the (intended) users affected by the technology?

This question has not been answered yet.

How does the technology influence the users' autonomy?

The users might become dependent on the technology when they start doing actual trading. If they gain good results due to these tests they might become unlikely to trade without consulting this application first.

What is the effect of the technology on the health and/or well-being of users?

Due to the test results the user might select a strategy that leads to financial loss.

Now that you have thought hard about the impact of your technology on human values, what improvements would you like to make to the technology? List them below.

The application won't influence the user directly in any way in which strategies are best to use.

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Stakeholders

Have you considered all stakeholders?

This category is only partial filled.

Who are the main users/targetgroups/stakeholders for this technology? Think about the intended context by answering these questions.

Name of the stakeholder

individual traders

How is this stakeholder affected?

-

Did you consult the stakeholder?

No

Are you going to take this stakeholder into account?

No

Name of the stakeholder

investors

How is this stakeholder affected?

-

Did you consult the stakeholder?

No

Are you going to take this stakeholder into account?

No

Name of the stakeholder

financial institutions

How is this stakeholder affected?

-

Did you consult the stakeholder?

No

Are you going to take this stakeholder into account?

No

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Did you consider all stakeholders, even the ones that might not be a user or target group, but still might be of interest?

-

Now that you have thought hard about all stakeholders, what improvements would you like to make? List them below.

This question has not been answered yet.

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Data

Is data in your technology properly used?

This category has not been filled yet.

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Inclusivity

Is your technology fair for everyone?

This category has not been filled yet.

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Transparency

Are you transparent about how your technology works?

This category has not been filled yet.

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Sustainability

Is your technology environmentally sustainable?

This category has not been filled yet.

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Future

Did you consider future impact?

This category has not been filled yet.