✓ **Congratulations! You passed!**

<div style="border:1px solid">Next Item</div>

✓   1 / 1
point

1.
Because smart speakers can carry out multiple functions (such as tell a joke, play music, etc.) it is an example of Artificial General Intelligence (AGI).

○ True

◉ False

Correct

✓   1 / 1
point

2.
What are the key steps to a smart speaker function?

○ Speech recognition → Trigger word detection -> intent recognition -> command execution.

○ Trigger detection -> intent recognition -> speech recognition -> command execution.

○ Trigger word detection -> intent recognition -> speech recognition -> command execution.

◉ Trigger word detection -> speech recognition -> intent recognition -> command execution.
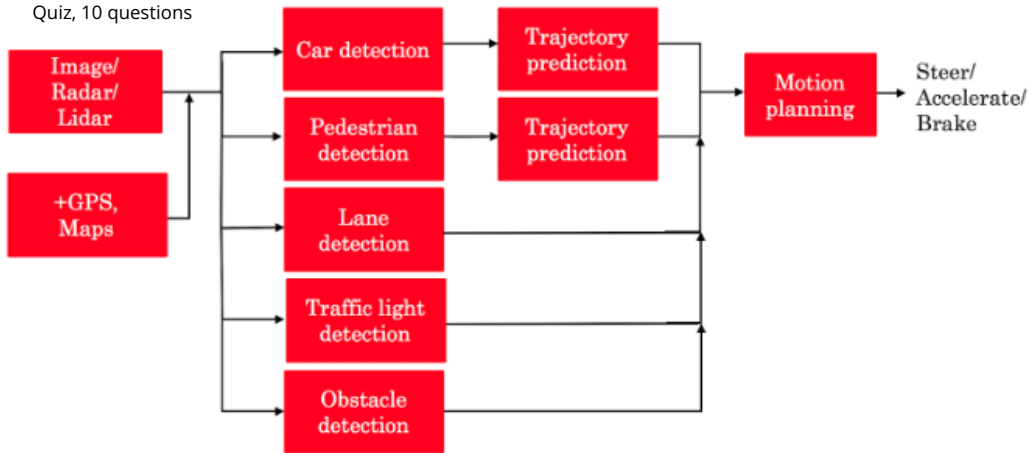
Correct

✓   1 / 1
point

3.

Consider this system for building a self-driving car:

The component for pedestrian detection is usually built using:

- ◯ Reinforcement learning

- ◯ GANs

- ⦿ Supervised learning

Correct

- ◯ A motion planning algorithm

✔ 1 / 1 point

4.

Suppose you are building a trigger word detection system, and want to hire someone to build a system to map from Inputs A (audio clip) to Outputs B (whether the trigger word was said), using existing AI technology. Out of the list below, which of the following hires would be most suitable for writing this software?

- ◯ Machine learning researcher

- ◯ AI Product Manager

- ◯ Data engineer

- ⦿ Machine learning engineer

Correct

✔ 1 / 1 point

5.

What is the first step in the AI Transformation Playbook for helping your company become good at AI?

- ◯ Develop an AI strategy

○ Provide broad AI training

○ Build an in-house AI team

◉ Execute pilot projects to gain momentum

Correct

✓ 1 / 1
point

6.
Of the following options, which is the most important trait of your first pilot project?

◉ Succeed and show traction within 6-10 months

Correct

○ Drive extremely high value for the business

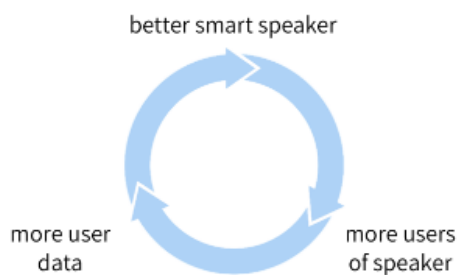○ Be executed by an in-house team

○ None of the above

✓ 1 / 1
point

7.
Say you are building a smart speaker, and want to accumulate data for your product through having many users. Which of these represents the "Virtuous circle of AI" for this product?
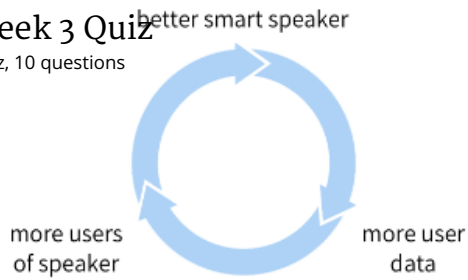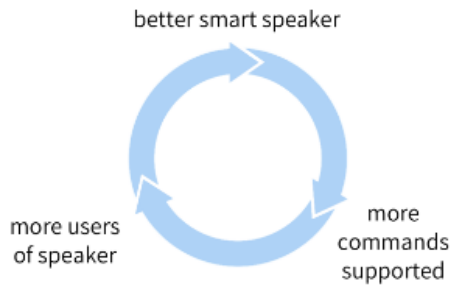
◉ (A)

Correct

○ (B)

better smart speaker

more users
of speaker

more user
data

○ (C)

better smart speaker

more users
of speaker

more
commands
supported

○ (D)

better smart speaker

more
commands
supported

more users
of speaker

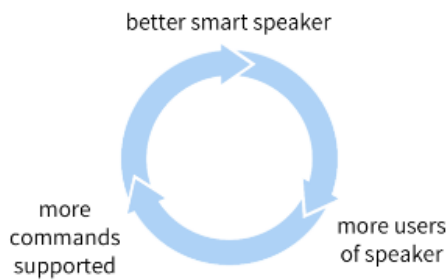
✔ 1 / 1
point

8.
Why is developing an AI strategy NOT the first step in the AI Transformation Playbook?

○ There is no reason. Developing an AI strategy IS the first step in the AI Transformation Playbook.

◉ Without having some practical AI experience and knowing what it feels like to build an AI project, a company usually does not know enough to formulate a sound strategy.

Correct

○ The strategy should be to use the Virtuous Circle of AI, which comes after building a product.

○ When transforming a company into an AI company, one does not need a strategy, therefore it can't be the first step.

✔ 1 / 1
point

9.

According to the AI Transformation Playbook, broad AI training needs to be provided not only to engineers, but also to executives, senior business leaders and to leaders of divisions working on AI projects.

10/10 points (100%)

○ True

Correct

○ False

✓ 1 / 1 point

10.

Which of the following are AI pitfalls to avoid? (Select all that apply)

☑ Expecting traditional planning processes to apply without changes

Correct

☐ Pairing engineering talent with business talent to identify feasible and valuable projects.

Un-selected is correct

☑ Expecting AI to solve everything

Correct

☑ Expecting AI based projects to work the first time

Correct