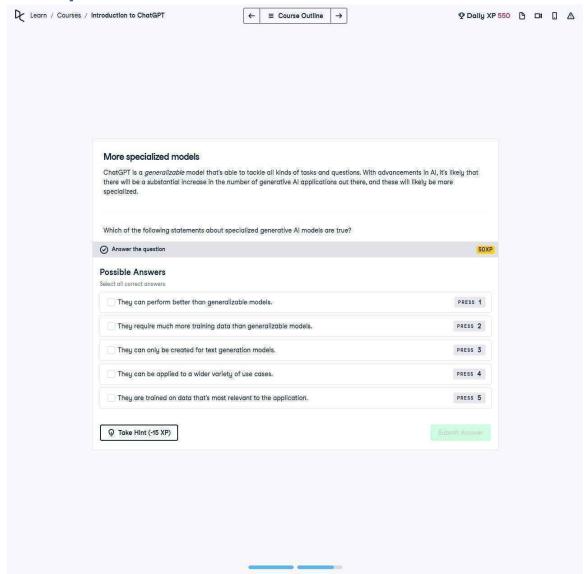
# **More Specialized Models**



### \*\*Question:\*\*

ChatGPT is a generalizable model that's able to tackle all kinds of tasks and questions. With advancements in AI, it's likely that there will be a substantial increase in the number of generative AI applications out there, and these will likely be more specialized.

Which of the following statements about specialized generative AI models are true?

#### **Correct Answers:**

- \*\*They can perform better than generalizable models.\*\*
- \*\*They are trained on data that's most relevant to the application.\*\*

### **Explanation:**

- 1. \*\*They can perform better than generalizable models:\*\*
- Specialized models are optimized for specific tasks, enabling them to outperform generalizable models, which are broader but less precise in niche applications.
- 2. \*\*They are trained on data that's most relevant to the application:\*\*
- Specialized models rely on highly relevant and domain-specific datasets. This ensures their outputs are aligned with the intended use cases, improving accuracy and efficiency.

## **Incorrect Options:**

- 1. \*\*They require much more training data than generalizable models:\*\*
- While specialized models often use focused datasets, they do not always require significantly larger amounts of data compared to generalizable models.
- 2. \*\*They can only be created for text generation models:\*\*
- This is incorrect because specialized models are not limited to text. They are developed for applications across domains such as image, speech, and video processing.
- 3. \*\*They can be applied to a wider variety of use cases:\*\*
- Specialized models excel in their targeted areas but are not designed for wide-ranging general tasks, limiting their flexibility.