Due Jun 13, 1:59 PM +07



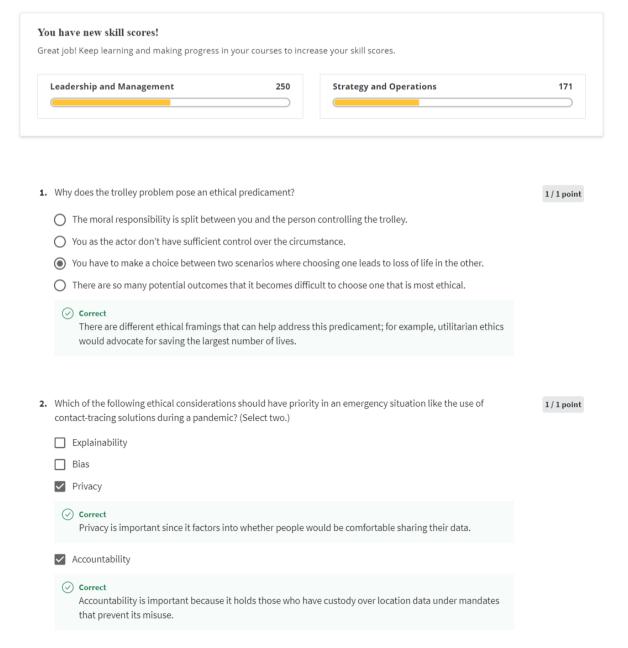
Graded Quiz • 30 min

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	using AI-enabled solutions within the context of medical imaging analysis, which of the following is the most portant ethical consideration?	1/1 point
0	Security	
0	Bias	
•	Explainability	
0	Privacy	
(Correct A doctor needs to be able to explain to their patients why a certain diagnostic recommendation is made by the system.	
	in AI-enabled system enables addictive behavior, which of the following makes for the most compelling gument to stop development work on that system?	1/1 point
\circ	There is a lack of accountability on the part of the user since they overuse the service.	
\circ	The process for obtaining consent has not been made transparent to the user.	
<!--</td--><td>The system, as designed, acts counter to the well-being of the users.</td><td></td>	The system, as designed, acts counter to the well-being of the users.	
0	The user will share more data with the system because of increased use.	
(Correct Several ethical frameworks have the well-being of users as one of their core tenets.	
	by do smart toys raise additional ethical concerns over those that are raised in the course of other products and vices that use AI?	1/1 point
0	The smart toys store personal data on the device, which can be stolen.	
•	Children are more susceptible to manipulation and therefore need extra protective measures.	
0	It is difficult to obtain informed consent for the use of the smart toy.	
0	They are used in the privacy of homes rather than in public settings, like other products or services.	
(Correct This is true since children are not able to fully perceive all the negative consequences from the use of the smart toy.	
	ich of the following software development principles is essential in the real-world deployment of AI-enabled tware applications in critical scenarios like self-driving cars?	1/1 point
	Robustness to adversarial examples	

Continuous integrati	ion and deployment of patch dipoates	
O Version control of the	ne AI models deployed	
 Architectural design 	analysis	
	a system can encounter examples that might confound it and trigger misclassification or ded behavior; therefore, robustness to adversarial examples is crucial.	
7. Which of the following is	the most important argument in favor of content moderation in online platforms?	1/1 point
It creates adequate in	incentives for everyone to share their opinions.	
O It helps uphold freed	dom of expression for everyone and doesn't give anyone special rights.	
O It prevents the devel	lopment of monopolies in terms of content creators.	
It prevents the sprea	ad of disinformation that can cause harm to vulnerable populations.	
Correct Content moderatio	on helps to regulate harmful content on the platform through the use of both iman actors.	
	obot rights and emancipation one that isn't as important as addressing issues of bias, and other principles discussed in the various ethical frameworks?	1/1 point
Robots are mechanic	cal instruments and therefore don't deserve to have rights.	
There is no legal pred	ecedent for granting rights to entities that are not humans.	
 These rights necessit 	itate that robots become sentient entities, which is currently not feasible.	
O Humans are anthrop	pocentric and don't want to extend rights to other sentient entities.	
	nat we have today are very narrow in their capabilities and are very far away from having king this a far more distant concern.	
9. Which of the following is deepfakes?	the most important ethical consideration regarding technical developments like	1 / 1 point
They take away mon	netization opportunities, leaving individuals unfairly compensated for their data.	
They violate data sha	aring agreements in many jurisdictions.	
They are built on tec	chnological progress made by a third-party organization.	
They usurp a person	a's likeness and can then be weaponized against them.	
•	e away an individual's ability to control what is done with their likeness, including their	

10.	• Why are anonymization and pseudonymization insufficient protection measures against breaches of data privacy and security?
	They destroy the usefulness of the data.
	O They don't integrate well into data science and machine learning workflows.
	O They only work in scenarios with particular kinds of personal information.
	They can be broken by combining this data with other publicly available data.
	Correct This describes the mosaic effect, which is the primary consideration in the move away from these techniques and toward techniques like differential privacy, which are robust against these attacks.

1/1 point