

Section 3 Assessment

Ethics in Technology

Multiple Choice

1/1 point (ungraded)

Which challenge associated with data overload in IT is addressed with predictive coding?

- ☐ Consumer profiling
- ☐ Oversight of cyberloafing by many users
- ☐ Advanced surveillance
- ☒ Electronic discovery of a large volume of documents

Answer

Correct: Correct! Predictive coding helps to address challenges associated with data overload in IT in electronic discovery.

Submit

Multiple Choice

1/1 point (ungraded)

A company encourages its employees and their families to wear fitness trackers to promote healthy lifestyles and help address the cost of insurance benefits.

Which regulation is related to the legal and ethical challenges within this scenario?

- ☐ CALEA
- ☐ FERPA
- ☐ COPPA
- ☒ HIPAA

Answer

Correct:
Correct! The Health Insurance Portability and Accountability Act (HIPAA) is a federal law that protects sensitive patient health information.

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Checkboxes

1/1 point (ungraded)

Choose 2 answers.

What are two implications of using advanced surveillance technologies in public locations from the technical, legal, and ethical standpoints?

- ☒ Diminishing individual privacy
- ☒ Proliferation of stalking apps

Ethics in Technology

Answer

Correct:

That's right! Diminishing individual privacy is one of the implications of using advanced surveillance technologies in public locations from the technical, legal, and ethical standpoints.

That's right! The proliferation of stalking apps is an implication of using advanced surveillance technologies in public locations from the technical, legal, and ethical standpoints.

Submit

Checkboxes

1/1 point (ungraded)

Choose 2 answers.

What are two challenges of using stalking apps from the technical, legal, and ethical standpoints?

- ☒ Selling and buying stalking apps over the internet is not prohibited by law.
- ☒ Stalking apps allow for remote activation of the built-in microphone.
- ☐ Installation of stalking apps without the explicit permission of the device owner is not prohibited by law.
- ☐ Stalking apps are allowed to access vehicle event data recorder (EDR) data.

Answer

Correct:

That's right! Selling and buying stalking apps over the internet is not prohibited by law.

That's right! Stalking apps allow for remote activation of the built-in microphone.

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Checkboxes

1/1 point (ungraded)

A private company decides to curb cyberloafing by its employees.

Choose 2 answers

What are two implications of this decision from the technical, legal, and ethical standpoints?

- ☒ Increased privacy rights infringement
- ☒ Decreased legal liabilities
- ☐ Violation of the Fourth Amendment of the U.S. Constitution
- ☐ Violation of the First Amendment of the U.S. Constitution

Answer

Correct:

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Checkboxes

1/1 point (ungraded)

Choose 2 answers.

What are two technical implications of fake news proliferation?

- ☒ Decreased data accuracy in the public domain
- ☒ Increased bandwidth usage on the public internet
- ☐ Increased data accuracy in private data sources
- ☐ Decreased bandwidth usage within private networks

Answer

Correct:

That’s right! Fake news proliferation decreases data accuracy in the public domain.
That’s right! Fake news proliferation increases bandwidth usage on the public internet because fake news releases are commonly shared among users.

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Checkboxes

1/1 point (ungraded)

Employees of a company have unrestricted access to the public internet from the office. The company decides to implement an acceptable use policy.

Choose 2 answers.

What are two implications of the company's decision that relate to the threats associated with accessing pornographic material from employees' computers?

- ☒ Decreased potential for lawsuits
- ☒ Increased productivity
- ☐ Increased potential for lawsuits
- ☐ Decreased productivity

Answer

Correct:

That’s right! Implementing an acceptable use policy decreases the potential for lawsuits.
That’s right! Implementing an acceptable use policy has a positive impact on productivity.

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1/1 point (ungraded)

Choose 2 answers.

Which two threats are associated with facilitating anonymity in IT?

- ☒ Increased potential for fraud
- ☒ Increased potential for defamation
- ☐ Encouraged doxing
- ☐ Encouraged censorship

Answer

Correct:

That’s right! The increased potential for fraud is a threat associated with facilitating anonymity in IT.
That’s right! The increased potential for defamation is a threat associated with facilitating anonymity in IT.

Submit

Checkboxes

1/1 point (ungraded)

Choose 2 answers.

Which two characteristics attributed to fake news releases are the most significant threats to data accuracy?

- ☒ Publishing speed
- ☒ Sensationalism
- ☐ Editorialism
- ☐ Multimedia content

Answer

Correct:

That’s right! Publishing speed (immediacy) is one of the characteristics attributed to fake news releases. These releases are a significant threat to data accuracy because the speed at which they are published implies that the news has not been verified and requires post-publication correction.
That’s right! Sensationalism is one of the characteristics attributed to fake news releases. The sensationalism of the releases is a significant threat to data accuracy because it implies that the release hides an ulterior agenda geared towards gaining attention rather than being fact based.

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Multiple Choice

1/1 point (ungraded)

What is the primary threat associated with doxing?

- ☐ Increased possibility of a sexual harassment lawsuit
- ☐ Suppressed ability to publish or access online data

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- ☒ Unauthorized disclosure of personally identifiable information (PII)

Answer

Correct: Correct! The primary threat associated with doxing is the unauthorized disclosure of PII.

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Multiple Choice

1/1 point (ungraded)

A software developer creates software and wants to ensure that it will always be in the public domain, including later modifications by others.

How should the developer publish the software?

- ☐ As copyrighted and rely on cybersquatting
- ☐ To the public domain with no copyright
- ☐ As copyrighted and rely on the fair use doctrine
- ☒ To the public domain with an open-source license

Answer

Correct: Correct! By publishing the software to the public domain with an open-source license, the developer ensures that subsequent modifications to the software will not be copyrighted.

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Multiple Choice

1/1 point (ungraded)

What is the primary argument against overly restrictive copyright laws?

- ☐ It increases the possibility of patent infringements.
- ☐ It promotes cybersquatting.
- ☐ It limits the scope of the fair use doctrine.
- ☒ It stifles creativity.

Answer

Correct: Correct! Overly restrictive copyright laws stifle creativity by making it more challenging to expand on others' inventions.

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A software development company wants to make its application run on a database platform that is owned by a private company.

Choose 2 answers.

Which two actions could the software development company take to address its need that would raise ethical concerns related to data property?

- ☒ Use internal staff to reverse engineer the database platform
- ☒ Hire developers from the private company to reverse engineer the database platform
- ☐ Sign a cross-licensing agreement with the private company
- ☐ Create a competitive intelligence team targeting the private company

Answer

Correct:

That’s right! Reverse engineering third-party products is ethically questionable because the products are owned by a third party. That’s right! Reverse engineering third-party products is ethically questionable because the products are owned by a third party. Hiring developers from the company that owns the product makes it even more questionable.

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