Cyber Security Session Housekeeping

- The use of disrespectful language is prohibited in the questions, this is a supportive, learning environment for all - please engage accordingly. **(Fundamental British Values: Mutual Respect and Tolerance)**

- No question is daft or silly - **ask them!**

- There are **Q&A sessions** midway and at the end of the session, should you wish to ask any follow-up questions. Moderators are going to be answering questions as the session progresses as well.

- If you have any questions outside of this lecture, or that are not answered during this lecture, please do submit these for upcoming Academic Sessions. You can submit these questions here: **Questions**

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Cyber Security Session Housekeeping cont.

- For all **non-academic questions**, please submit a query:

  www.hyperiondev.com/support

- We would love your **feedback** on lectures: **Feedback on Lectures**

- Find all the lecture **content** in you **Lecture Backpack** on GitHub.

- If you are affected by a hearing impairment, kindly use your browser's function via Google Chrome to enable captions.

Safeguarding & Welfare

We are committed to all our students and staff feeling safe and happy; we want to make sure there is always someone you can turn to if you are worried about anything.

If you are feeling upset or unsafe, are worried about a friend, student or family member, or you feel like something isn't right, speak to our safeguarding team:

Ian Wyles
Designated Safeguarding Lead

Simone Botes

Nurhaan Snyman

Rafiq Manan

Ronald Munodawafa

Tevin Pitts

Scan to report a safeguarding concern

or email the Designated Safeguarding Lead:
Ian Wyles
safeguarding@hyperiondev.com

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Stay Safe Series:

Mastering Online Safety One week at a Time

While the digital world can be a wonderful place to make education and learning accessible to all, it is unfortunately also a space where harmful threats like online radicalization, extremist propaganda, phishing scams, online blackmail and hackers can flourish.

As a component of this BootCamp the *Stay Safe Series* will guide you through essential measures in order to protect yourself & your community from online dangers, whether they target your privacy, personal information or even attempt to manipulate your beliefs.

Pause Before You Post:

Managing Your Digital Presence

- Impact on Reputation.
- Permanent Record.
- Privacy Concerns.
- Miscommunication.
- Influence on Others.
- Professional Implications.
- Mental Well-being.

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Polls

Please have a look at the poll notification and select an option.

What is a data breach?

a.   A process for legally storing data.
b.   A security incident where unauthorized access is gained to data.
c.   A method of sharing data safely.
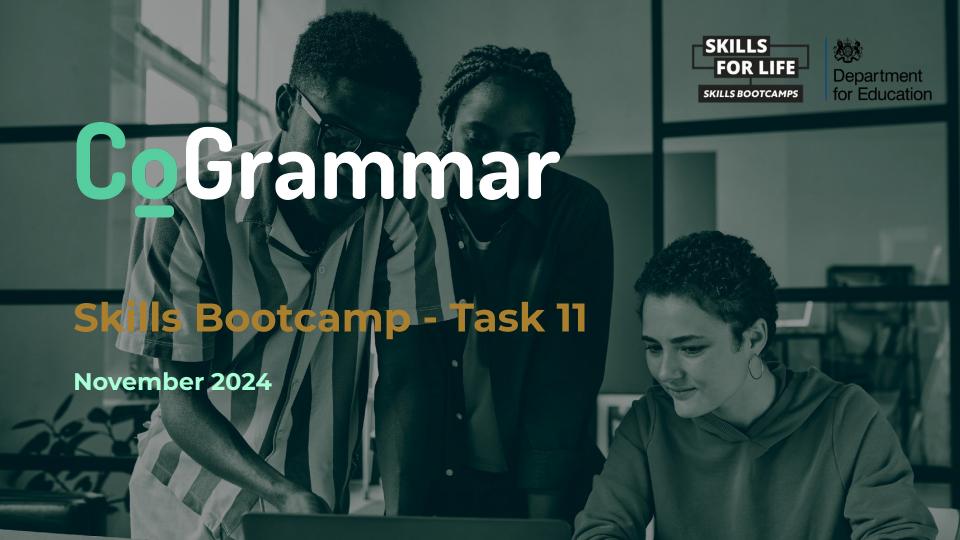d.   A type of email attachment.

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Key Terms

- **Data Breach:** A security incident where sensitive, protected, or confidential data is accessed or disclosed without authorization. Often involves information like email addresses, passwords, and other PII.

- **Phishing:** A cyberattack method in which an attacker sends fraudulent messages (often via email) to trick individuals into revealing sensitive information like usernames, passwords, or financial details.

- **Credential Stuffing:** A cyberattack where attackers use lists of previously stolen usernames and passwords to attempt unauthorized access to other accounts, banking on the fact that many people reuse passwords across services.

- **Personal Identifiable Information (PII):** Any data that could potentially identify a specific individual. Examples include names, addresses, social security numbers, and email addresses.

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Learning Objectives & Outcomes

- Identify common characteristics of phishing emails and distinguish them from legitimate communications.

- Describe the potential impacts of a data breach on individuals and analyze why data privacy is critical.

- Create a personal checklist for cyber hygiene, including regular password updates, cautious use of personal information online, and use of security tools

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Skills Bootcamp - Task 11

November 2024

- Explore the data breaches and Phishing Emails

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Please have a look at the poll notification and select an option.

Which of these could be a sign of a phishing email?

a. A generic greeting (e.g., "Dear Customer").
b. A personalized greeting with a reference number.
c. An email with professional formatting and no typos.
d. An email with an unknown attachment urging immediate action.

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Questions and Answers

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Thank you for attending

SKILLS FOR LIFE
SKILLS BOOTCAMPS

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