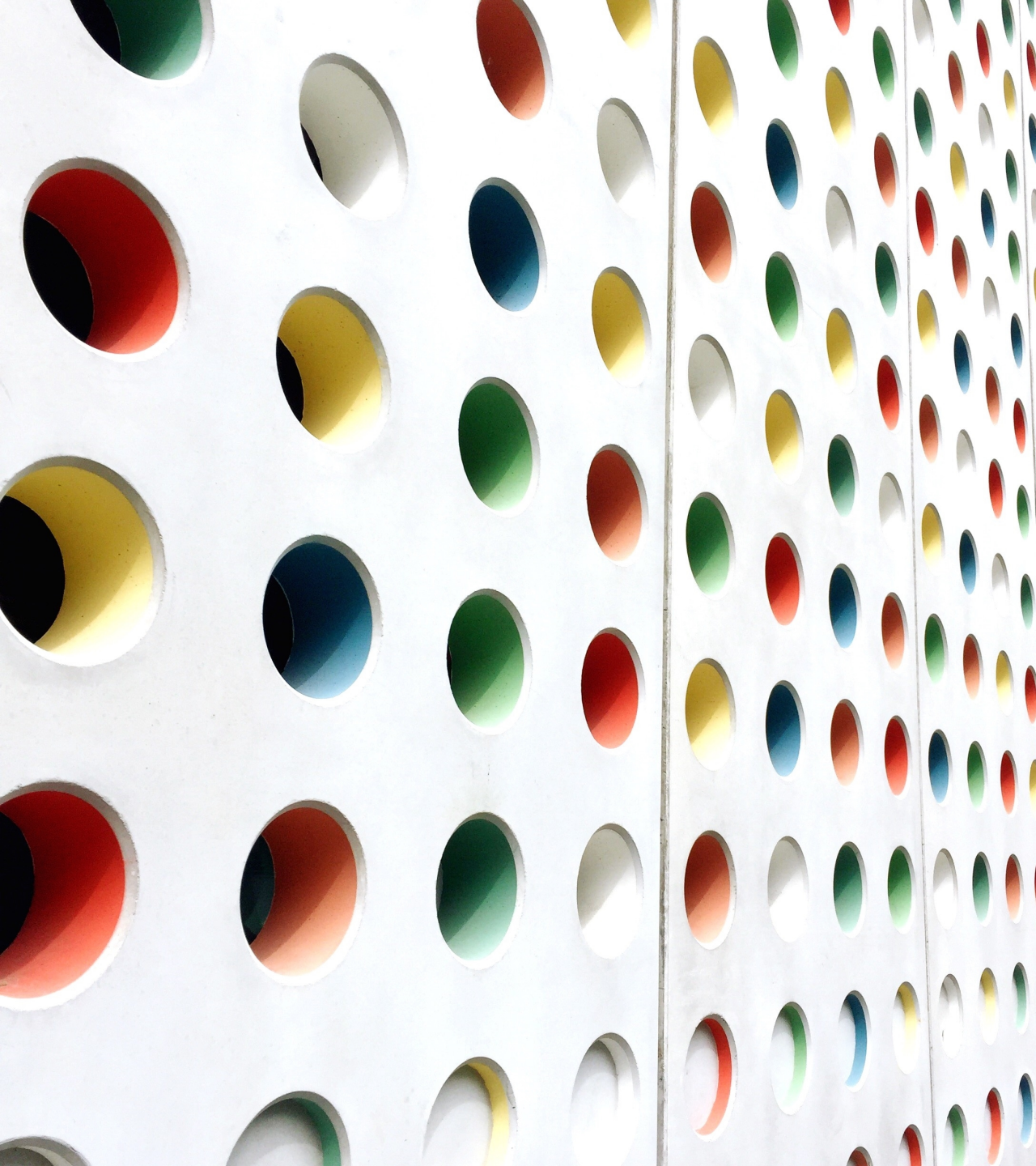




Welcome and Intro

DATA SECURITY UNIT

Unit H9E2 45

Level 5

Data Security



Outcome 1 – Describe the legal and ethical obligations around storing and sharing personal and business data



Outcome 2 – Explain the causes and effects of data security breaches



Outcome 3 – Protect data against security breaches

Credit points and level

1 National Unit credit at SCQF level 5: (6 SCQF credit points at SCQF level 5)

Recommended entry to the unit

Entry is at the discretion of the centre. However it would be beneficial if learners have knowledge of basic digital literacy and understanding of the use of data.

Basic computer skills may be evidenced by possession of:

H3LJ 44 Computer Basics (SCQF level 4) or equivalent qualifications or experience.

With regards to an understanding of data, learners who have completed the Data Security Unit at SCQF level 4 will have the necessary background information.

Outcome 1 in more detail

A

Describe the laws that apply to the storing and sharing of data.

B

Describe the ethical considerations of organisations when storing and sharing data.

C

Describe real life examples of best practice in the application of ethics within organisations.

Outcome 2 in more detail

- (a) Define a data security breach.
- (b) Identify contemporary real life examples of data security breaches.
- (c) Explain common causes of data security breaches.
- (d) Explain the potential effects of a data security breach on individuals.
- (e) Explain the potential effects of a data security breach on organisations.

Outcome 3 in more detail

- (a) Identify software that can be used to enhance data security.
- (b) Identify hardware that can be used to enhance data security.
- (c) Identify workplace rules that can be used to enhance data security.
- (d) Apply selected methods of enhancing data security to a specific situation.
- (e) Create a data security solution for a recent data security breach.

Welcome!

A big welcome.

You will be required to work your way through the presentations that include video and external websites with additional information.

The Level 6 items are not essential for your studies, it is additional information and you can concentrate upon Level 5 with additional information if you have time or want to know more.

Tasks are contained within the work booklet available for download and completion.

Presentations will advise what tasks are required for completion.

The work schedule advises when you are required to provide the completed task for feedback from your lecturer.

Your lecturer is available by email throughout the week and each week you will be expected to attend Microsoft Teams to check-in, let your lecturer know how you are doing and ask any questions.