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Module: [COMP6224 - Foundations of Cyber Security](#)

Assignment: Privacy laws

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Created by: vladi Sassone

Due: Tue Nov 1 16:00 2016

Feedback Due
By: Tue Nov 29 16:00 2016

Type: Individual

Handin: Electronic Only

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Comments

Write an essay of no more than 6 sides of A4 paper (exclluding the bibliographys) addressing both points below.

Question 1. *"Simply put, it is not possible to de-identify individual personal data unless you are talking about a single, low resolution measurement in total isolation. For example, you might be able to de-identify a single blood pressure reading like 138/75 and add it to an aggregate with a low-resolution timestamp*

but it is not possible to de-identify more than that in our hyper-connected world that never forgets anything."

Critically discuss the above statement by assessing what the implications of such a statement would be for law-makers wanting to better delineate the domain of data protection laws.

Question 2. Article 29 Data Protection Working Party writes in its **Opinion 05/2014 on Anonymisation Techniques** that *"a specific pitfall is to consider pseudonymised data to be equivalent to anonymised data"*.

The **UK Information Commissioner Office's Code of conduct on anonymisation** states that pseudonymisation is a way to *"produce anonymised data but on an individual-level basis"*.

Are these statements inconsistent? Critically discuss with references to both documents.

Learning Outcomes

1. The cyber threat landscape, both in terms of recent emergent issues and those issues which recur over time
2. The roles and influences of governments, commercial and other organisations, citizens and criminals in cyber security affairs
3. Issues surrounding privacy, anonymity and pervasive passive monitoring

Marking Scheme

Criterion	Description	Outcomes	Marks
legal aspects	fair account of the problem within the current legal framework	1,2,3	40
technical aspects	discuss whether anonymisation is possible in the currently planned legal status	1,2,3	40
understanding	ability to read multidisciplinary research	3	20

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Spreadsheet of Handin-ins: Excel or Comma-separated Values Blank Student Feedback Form in HTML

This HTML page is designed to be suitable for printing to give feedback to the students.

Download Assignment Hand-ins: .ZIP (classic C-BASS style) or turn-it-in .ZIP (suitable for submitting to submit.ac.uk turn-it-in plagiarism service) or NO-ZIPS turn-it-in .ZIP as previous but with submitted .zip files not included as these are HUGE in project modules, or .TAR.GZ

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- a. reference to,
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- c. discussion of other work

has been correctly acknowledged within it?

- ☐ This is all my own work and all sources have been correctly acknowledged.
- ☐ No, not entirely (please explain)

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