Data and information

define and compare data with information

Data

Information

explain the process of deriving information from data

Legal Issues:

examine legal issues as they apply to the development of information and technology software solutions

Ethical issues

research and report on ethical issues relating to the development of information and software technology solutions

examine and judge accuracy, validity, bias of data and info

Database development

describe the relationships between a database, file, record, field and data, character

list input data

identify outputs when designing a database

create a data dictionary to illustrate and describe data types

describe and manipulate data types for a range of purposes

Collecting, organising and storing data

document and acknowledge data sources

use validation and verification checks on the data for a database

input data and store for a given problem

Integration

import data from a different source

Data Storage and Function

contrast primary and secondary memory

describe the functions of primary and secondary memory

select and use the appropriate data storage media for a given situation in an ethical manner

state the reasons for the range of data storage and media formats

Roles & Responsibilities

describe key roles within the information and software technology field and critically analyse possible role stereotypes

develop role descriptions of people working in the field of information and software technology