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Data Analytics assignment

Assignment 1a

1. Raw data is data that has not been formatted, transformed or processed for use. A. True, B. False
2. True
3. Processed data is a data that is not formatted, transformed or processed from raw data to make it useful. A. True, B. False

B. False

1. CSV stands for comma separated value. A. True, B. False

A. True

1. XML stands for eXtensible Markup Language. A. True, B. False

A. True

1. TXT Files stores typed document as a series of alphanumeric characters. A. True, B. False
2. Data transformation is the process of converting data from one format to another. A. True, B. False

A. True

1. The ETL acronym short stands for Extract-Transform-Load. A. True, B. False

A. True

1. Internal data sources are generated within the organization. A. True, B. False

A. True

1. Data transformation is a process of converting data from on format to another. A. True, B. False

A. True

1. Social medial data are external data source. A. True, B. False

A. True

Assignment 1b

1. Which of the following CORRECTLY describes open data?

A. Any data that is held in the public domain.

B. Data that can be freely used, reused and redistributed.

C. Data that is recorded and retained by the scientific community.

D. Data that is obtained from collaboration between organizations.

A, B and D

1. As an analyst, you are working with data provided by your organisation's purchasing department, which contains workforce expenditure and is confidential. It has been provided so that workforce costs can be analysed. What sort of data has this analyst been provided with?

A. Operational.

B. Obsolete.

C. Sensory.

D. Public.

A. Operational

3. Which data type is used for text?

A. String,

B. Date,

C. Char,

D. Real

A. String

4. Which data type is used for whole numbers?

A. Real,

B. Integer,

C. String, Date

B. Integer

5. Which data type is used for single characters?

A. Integer,

B. Char,

C. Real,

D. String,

E. Boolean

B. Char

6. Which data type should be used to store @home34?

A. String,

B. Real ,

C. Char ,

D. Boolean

D. Boolean

7. Which data type is used for numbers with decimal places?

A. Real,

B. String,

C. Boolean,

D. Integer

A. Real

8. Which data type should be used for storing if someone is successful or not?

A. Date,

B. Boolean,

C. Real,

D. Integer

D. Integer

9. Which data type should be used for storing 23.1?

A. Integer,

B. Real,

C. String,

D. Char

B. Real

10. Which data type should be used for storing alphanumeric data?

A. Integer,

B. Real,

C. String,

D. Char

D. Char