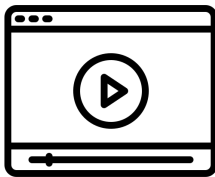


Data & Information

Text1





| | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 01000100 | 01000101 | 01010011 | 01010000 | 01001001 | 01000101 | 01010010 | 01010100 | 01000001 | 00100001 | 00100000 | 01001110 |
| 01001111 | 01010011 | 00100000 | 01000101 | 01010011 | 01010100 | 11000011 | 10000001 | 01001110 | 00100000 | 01001101 | 01000001 |
| 01001110 | 01001001 | 01010000 | 01010101 | 01001100 | 01000001 | 01001110 | 01000100 | 01001111 | 00100000 | 01000001 | 00100000 |
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| 01010100 | 01000001 | 01000100 | 01000101 | 01010011 | 00100000 | 01011001 | 00100000 | 01000101 | 01001100 | 00100000 | 01000011 |
| 01001111 | 01001110 | 01010100 | 01010010 | 01001111 | 01001100 | 00100000 | 01001101 | 01001001 | 01001110 | 01010101 | 01000011 |
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| 00100000 | 01001100 | 01000001 | 00100000 | 01010000 | 01001111 | 01000010 | 01001100 | 01000001 | 01000011 | 01001001 | 11000011 |
| 10010011 | 01001110 | 00100000 | 01000001 | 01010011 | 11000011 | 10001101 | 00100000 | 01000011 | 01001111 | 01001101 | 01001111 |
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| 11000011 | 10010011 | 01001110 | 00100000 | 01000100 | 01010010 | 11000011 | 10000001 | 01010011 | 01010100 | 01001001 | 01000011 |
| 01000001 | 00100000 | 01000100 | 01000101 | 00100000 | 01001100 | 01000001 | 00100000 | 01010000 | 01001111 | 01000010 | 01001100 |
| 01000001 | 01000011 | 01001001 | 11000011 | 10010011 | 01001110 | 00100000 | 01001101 | 01010101 | 01001110 | 01000100 | 01001001 |
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| 01010101 | 01000001 | 01001100 | 00100001 | 01100100 | 01100101 | 01110011 | 01110000 | 01100101 | 01110010 | 01110100 | 01100001 |
| 01100100 | 00100001 | 01100100 | 01100101 | 01110011 | 01110000 | 01100101 | 01110010 | 01110100 | 01100001 | 01100100 | 00100001 |
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| 01100100 | 00100001 | 01100100 | 01100101 | 01110011 | 01110000 | 01100101 | 01110010 | 01110100 | 01100001 | 01100100 | 00100001 |

Measurement Unit

8 bits = 1 Byte

| Unit | Size (in bytes) |
|---------------|-----------------|
| Byte | 1 |
| Kilobyte (KB) | 1,024 |
| Megabyte (MB) | 1,024 KB |
| Gigabyte (GB) | 1,024 MB |
| Terabyte (TB) | 1,024 GB |
| Petabyte (PB) | 1,024 TB |

Data

Data

- Raw
- Unprocessed facts or figures
- Might or might not have meaning or value
- Qualitative & Quantitative

Qualitative Data

(Categorical)

Gender

Religion

Marital status

Native language

Social class

Qualifications

Type of instruction

Method of treatment

Type of teaching approach

Problem-solving strategy used

Quantitative Data

(Numerical)

Age

Height

Weight

Income

University size

Group size

Self-efficacy test score

Percent of lecture attended

Clinical skills performed

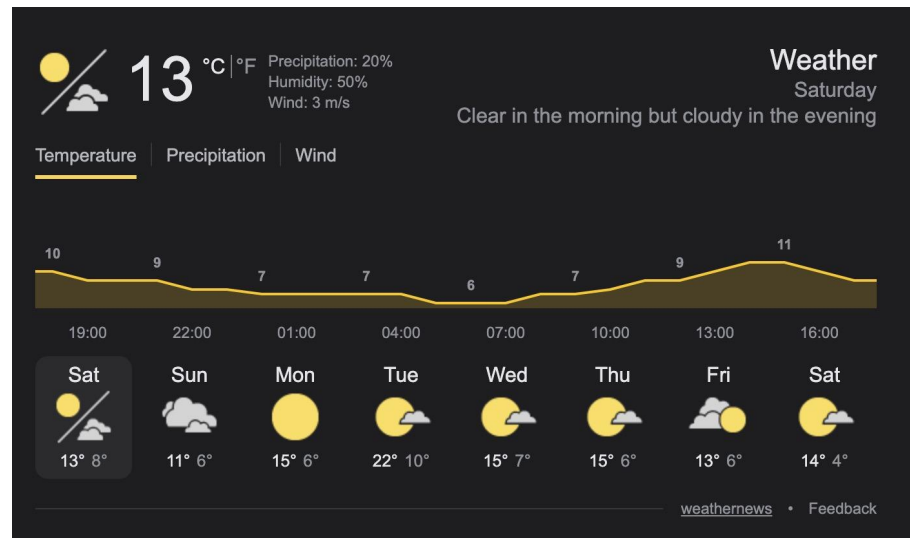
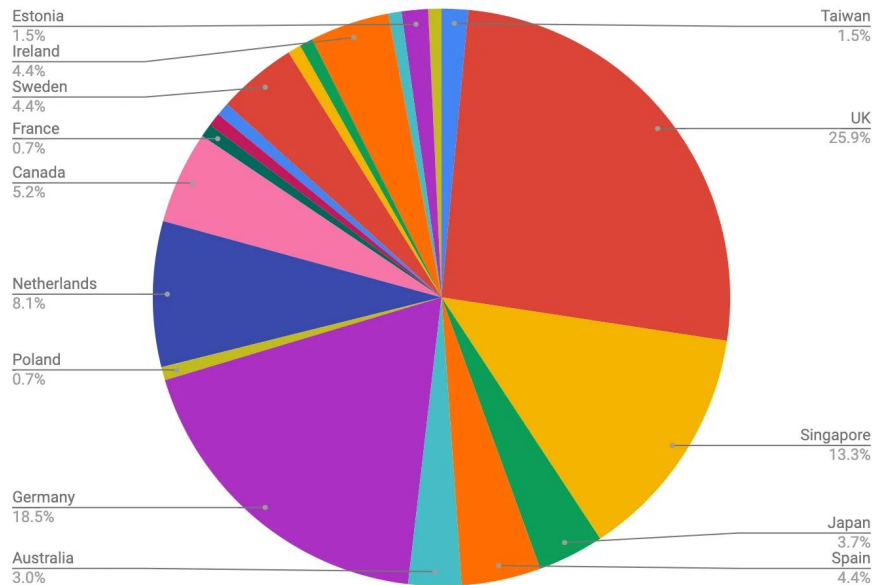
Number of errors

Information

Information

- Processed, organized, structured with knowledge
- Expect to has meaning and value

Count of Country



When working on current era

We're working to manage data in somehow

Database



- A specialize software
- to systematic way to store, manage, and retrieve information

Homework

- What is the difference between data and informations?
- Describe why data is so really important
- Data and information you have found in daily basis (5 on each)

End of presentation