



Week 2 : AI process - Data Collection (images)

- 1. An image can be represented as a grid of values. Each value encodes the color at that position in the image.**
 - A. Binary
 - B. Bit
 - C. Pixel Image
 - D. RGB Encoding
- 2. Base 2 Number System. It is a number system that only uses 2 digits (0 and 1).**
 - A. Binary
 - B. Data
 - C. Abstraction
 - D. Number System
- 3. Binary only has two states, 1 or 0.**
 - A. True
 - B. FALSE
- 4. Why do computers use binary**
 - A. It is easy to convert binary into hex.
 - B. It is easy to count from 0 to 1.
 - C. Because that is the way it has always been done.
 - D. Computers use electronic switches and circuits to store data, it is quick to read the voltage in a circuit as on or off.
- 5. What is a pixel?**
 - A. Small squares which combined with many other make up an image
 - B. A phone made by Apple
 - C. A small breed of dog