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

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