





Goals







Face recognition used in





Difficult task because of



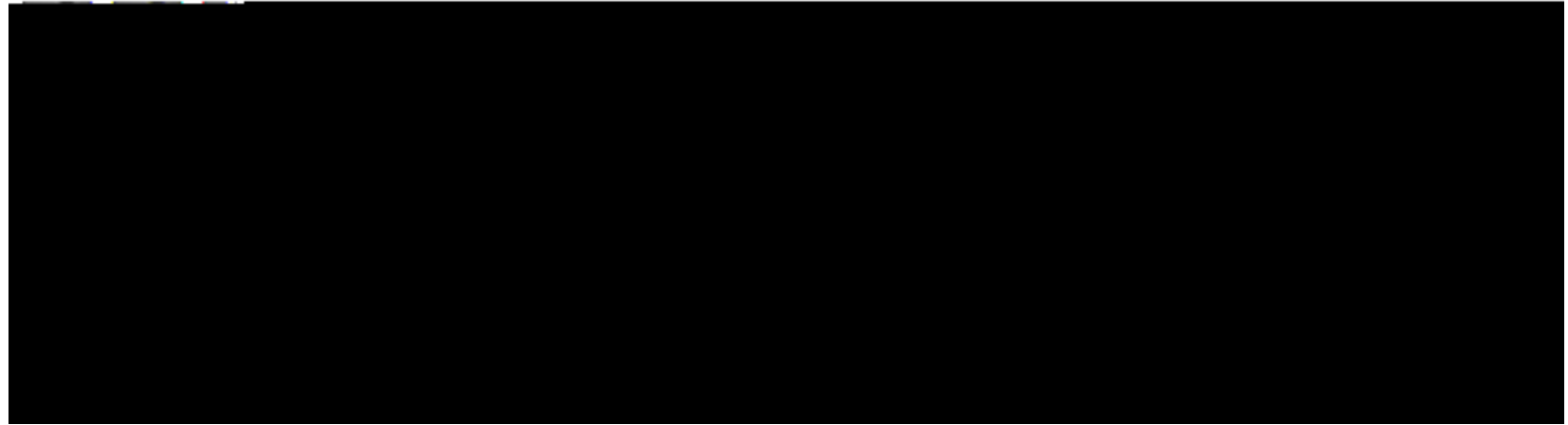


Basic Principles





There are other ways to encode the image





3D face recognition, or video



How it works





Where is AI ?





3 components of machine learning/AI

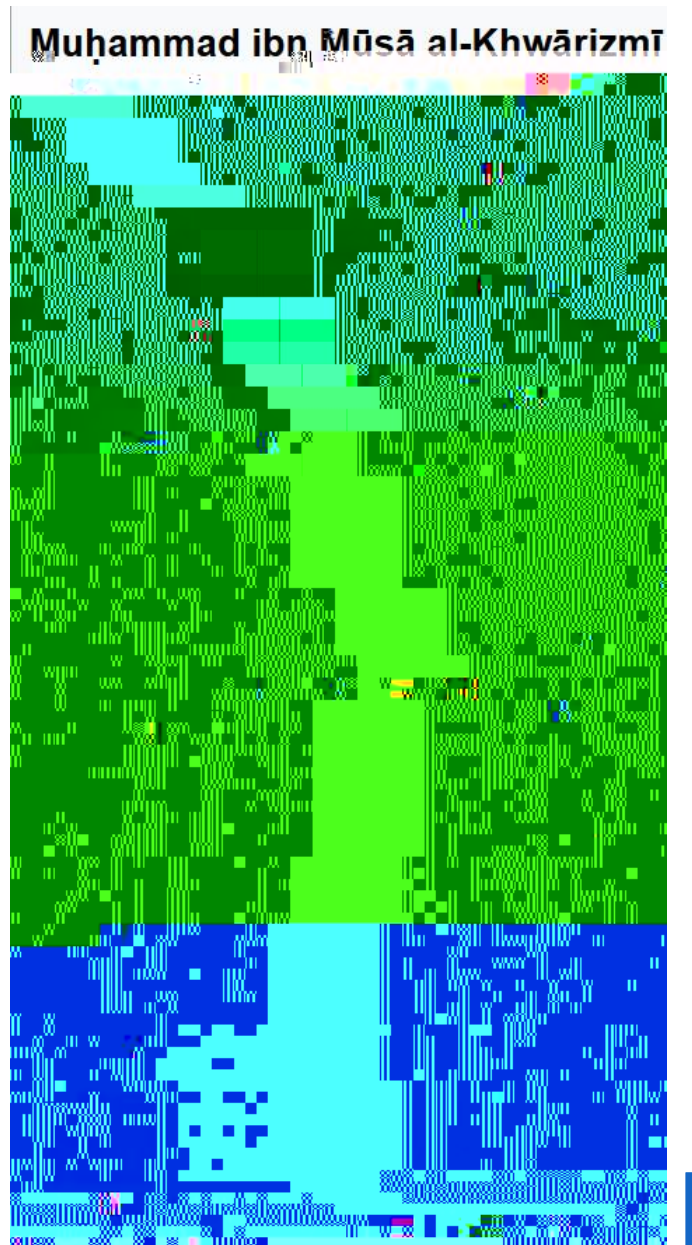


AI needs TONS of data



Algorithms

In [mathematics](#) and [computer science](#), an **algorithm** [well-defined](#), computer-implementable instructions, typically to solve a class of problems or to perform a computation





Many face recognition libraries, mostly open source



Facebook data: over 400 meg of data

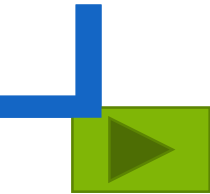




Data



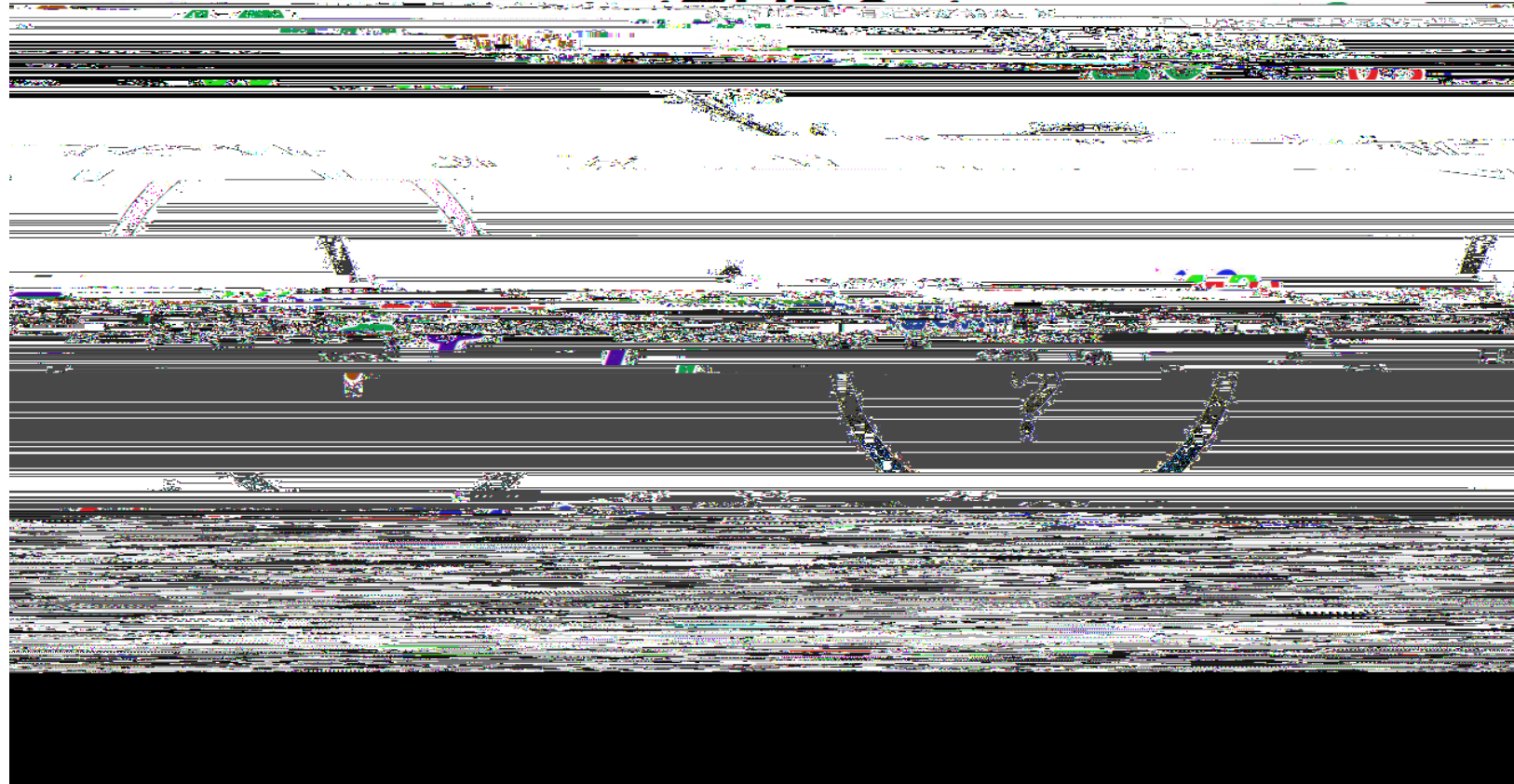
Features



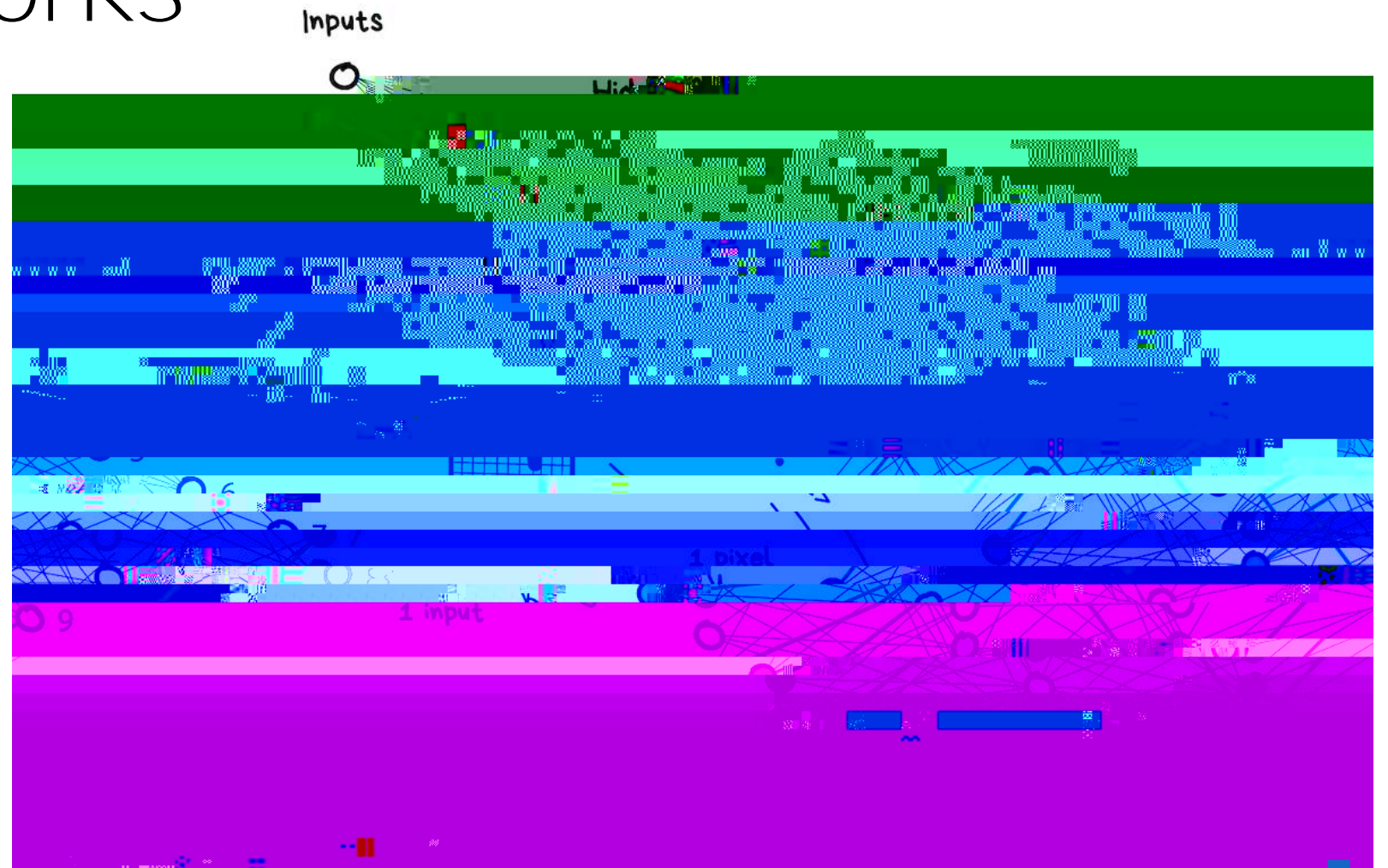
Neural networks



Neural networks



Neural networks





Some areas where AI is already at work



References



References

