Machine Learning fondamentale

Difference Intelligence/Neutral Networks/ Machine learning

**A.I : The effort to automate intellectual task normally performs by humans**

-> ordi pensent? Introduction

-> tell to the computers to do. En réalité

-> A.I programs -> rules by humans

-> A.I can be simple like complex

-> humans behaviors -> can be call A.I

-> ML is in A.I

**Machine Learn : analyse the data with rules and apply the rules**

-> Figures out the rules for us/ generate the rules for us with Data

Clasic programs -> answers

Ml -> Rules / algorith for finds the rules for us

**Neutral Networks : Forms of ML that uses a layered representation of data**

Deep lerning in NN -> diifferents layers of datawho’s connected together

Information extraction

NN not modeled after the brain

**DATA :**

-> Most important part

-> Data set -> information

**Features and labers**

Features information whose use to predict something and make an output of information

Label -> output information

Features is information we need to predict something

Label is the output infomation/ the result of the prediction

Use the rules + the data = the output

Data are very important because if data is incorrect -> mistakes (same thing with incorrect input and incorrect out put)