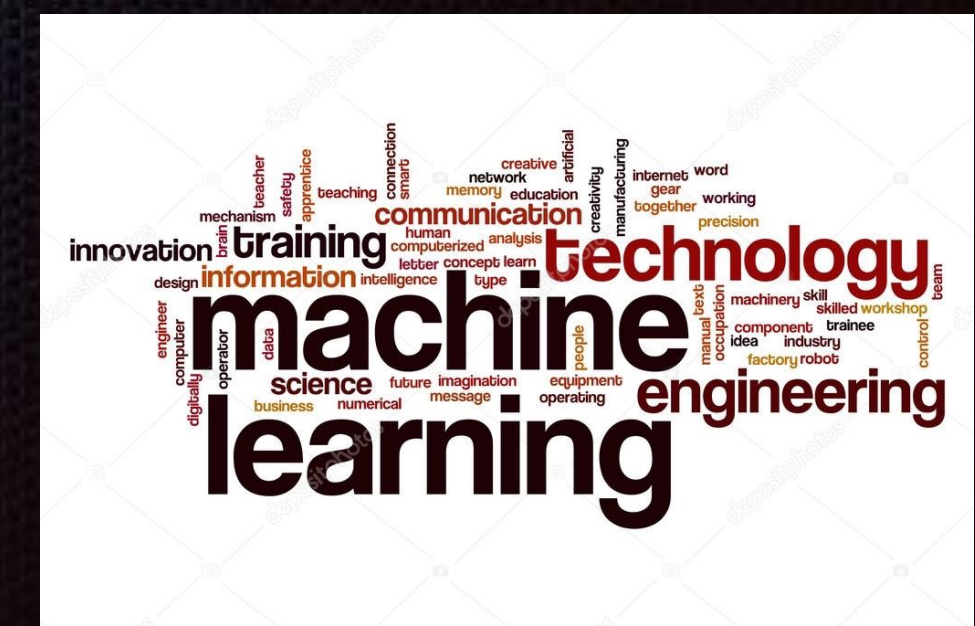


# What is ML?

- ✧ Algorithms that are mainly meant for prediction
  - ✧ Supervised learning
- ✧ They cannot often express why the predictions happen
  - ✧ What factors influenced the prediction in what way?
  - ✧ It's a function of the complexity of the model and our inability to express or comprehend that complexity easily
- ✧ Increasing research, emphasis on “explainable AI” or XAI
  - ✧ LIME, SHAP, others
  - ✧ Intrinsically explainable models (Microsoft)





# ML and Big Data

