Natural language processing:

We can build chat bots and machine translations.

By doing sentiment analysis, I train the machine to understand some text and I predict certain outcomes for the texts

Texts: reviews of a restaurant

I train a machine to understand if each review is positive or negative.

In this project, I only do one case study of NLP (SENTIMENT ANALYSIS)

However, I tried to see how to solve with diverse Machine Learning problems

Indeed, the essential part of our implementation

will be to build the bag of words model.

But then once it is built,

we can try several classification models.

Why DID I use classification models?

That's because, I will have to predict a binary outcome,

one or zero

One: Positive, Zero: negative

and zero meaning the review is negative.