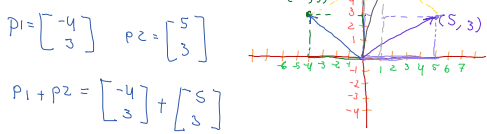
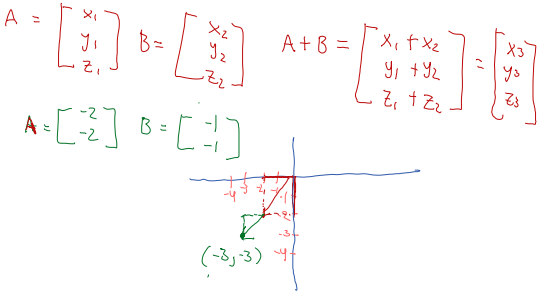
ADDITION OF VECTORS

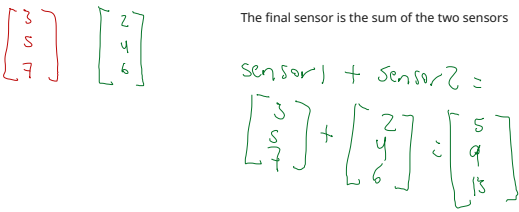
The addition of two vectors.





EXAMPLE Solving a use case

Sensor 1 Sensor 2 EDA and Feacture Engineering

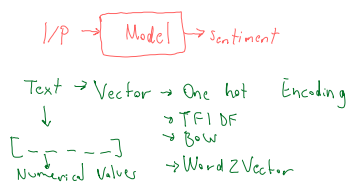


1) Data Aggregation Task
2) Feacture Engineering

NPL -> Natural Language Processing

Ecommerce Website

Reviews	Sentiment
The product is good	1
The product is bad	0
.	.
.	.
.	.



2) Word Embeddings

1) DATA : [0.2, 0.1, 0.4]
2) Science : [0.3, 0.7, 0.2]

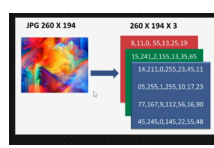
DATA Science = Vdata + Vscience
DATAScience = [0.2 + 0.3, 0.1 + 0.7, 0.4 + 0.2]
DATAScience = [0.5, 0.8, 0.6]

3) Color Image -> PIXEL [R, G, B] = [255, 128, 0]

RED CHANNEL => R = [255]

GREEN CHANNEL => G = [128]

BLUE CHANNEL => B = [0]



WHITE/BLACK GRAY SCALE PIXEL = 1/3 * [255 + 128 + 0] = 1/3 * [383] = 297