

# Advanced Machine Learning

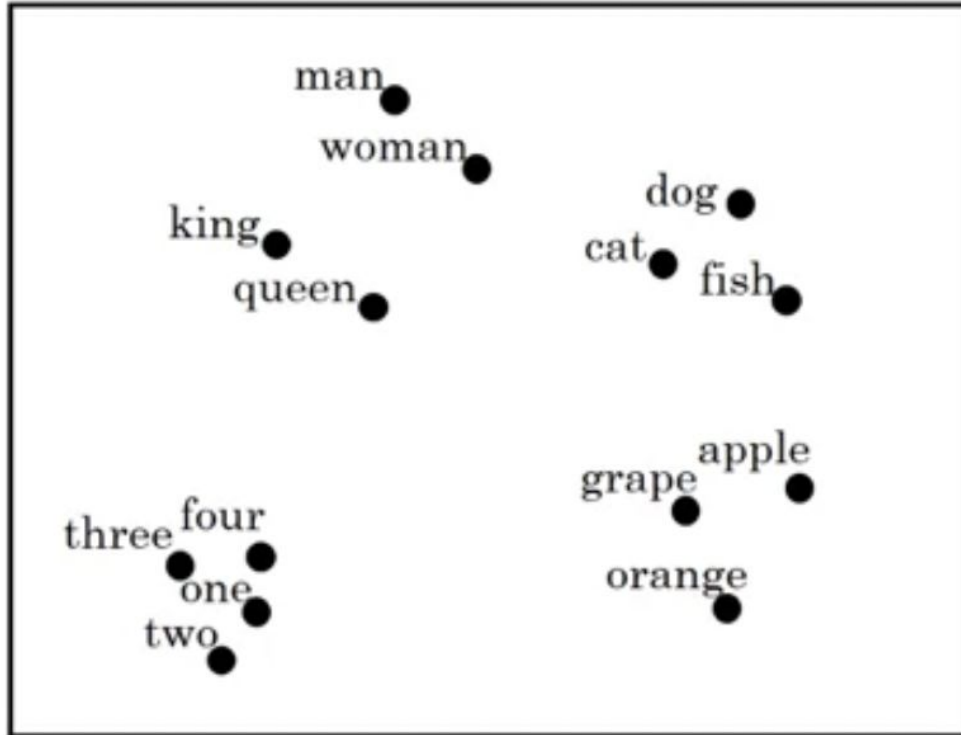
Likhith Nayak

# Word Representations

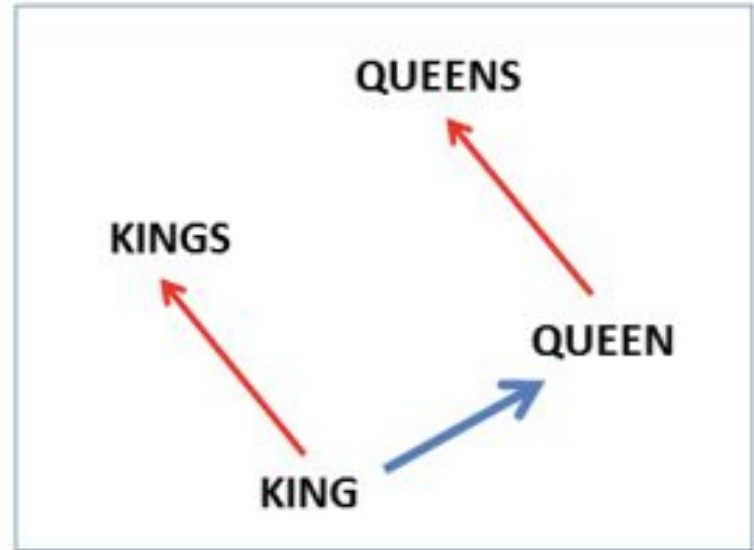
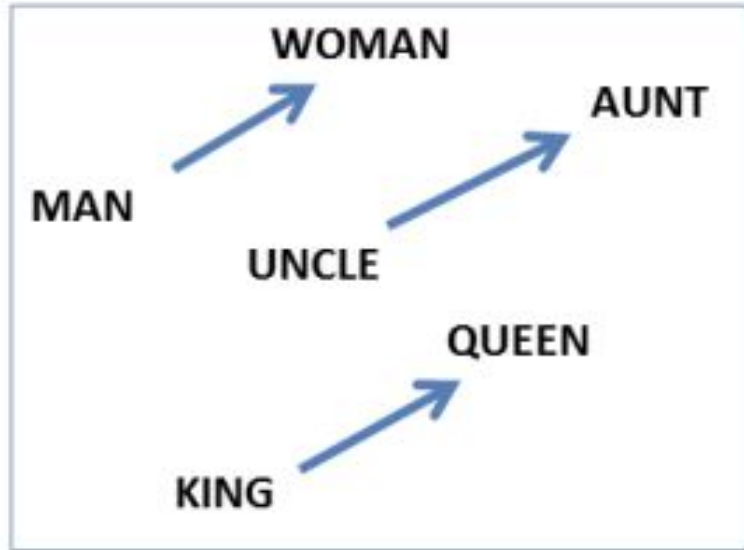
## One Hot Encoding

Apple	Chicken	Broccoli	Calories
1	0	0	95
0	1	0	231
0	0	1	50

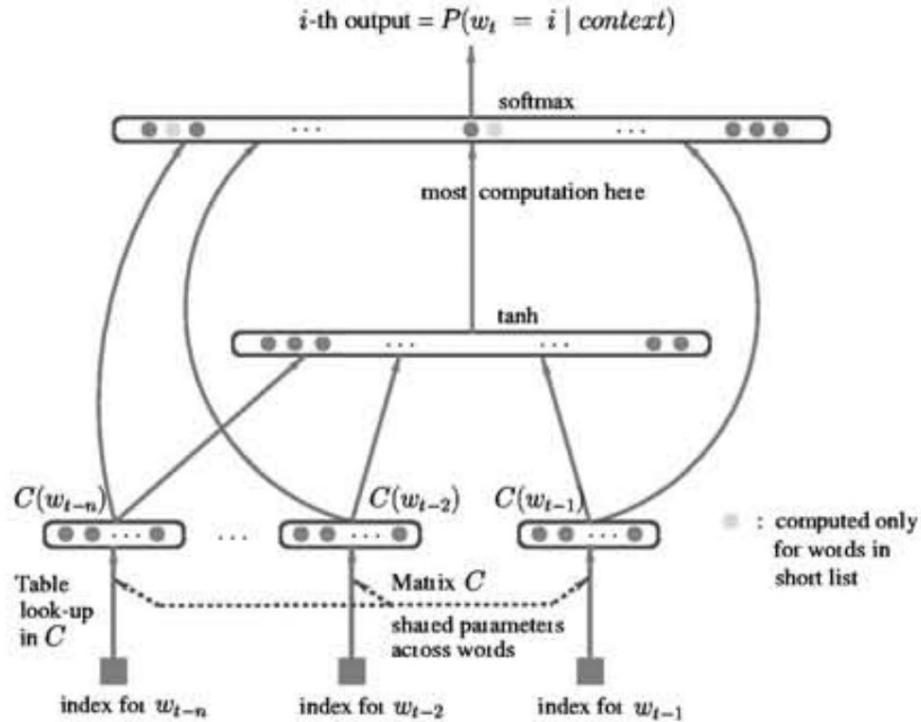
# Word Representations



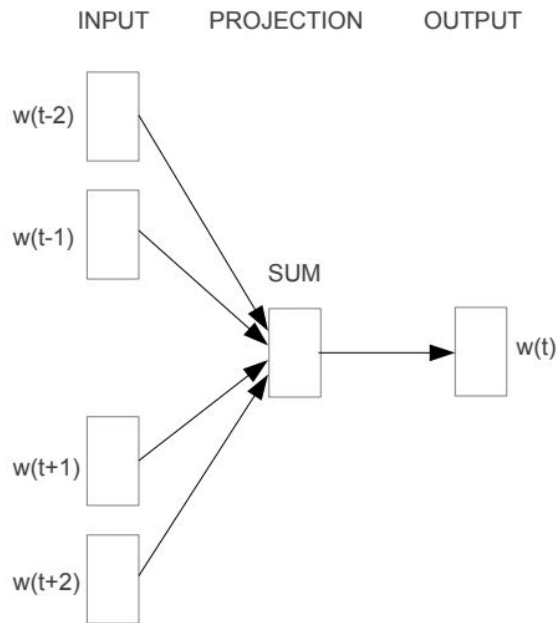
# Word Representations



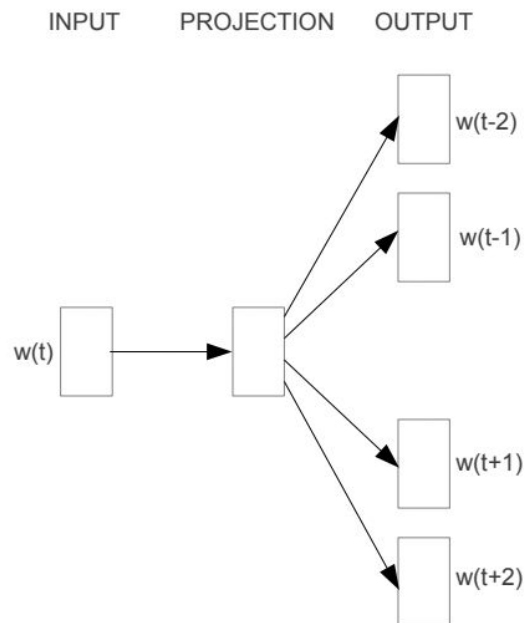
# Word Representations



# Word2Vec



**CBOW**



**Skip-gram**