In [ ]:
```
l1 = ["no", "high", "no", "low", "only", "doge"]
l2 = ["one", "word", "doge"]
```

Jaccard Similarity

In [ ]:
```
def jaccard_similarity(a, b):
    a = set(a)
    b = set(b)
    j = float(len(a.intersection(b))) / len(a.union(b))
    return j

jaccard_similarity(l1, l2)
```

Out[ ]:
```
0.14285714285714285
```

In [ ]:
```
def juccard_distance(a,b):
    return 1- jaccard_similarity(a,b)

juccard_distance(l1,l2)
```

Out[ ]:
```
0.8571428571428572
```

Common Neighbour

In [ ]:
```
def common_neighbor(a,b):
    a = set(a)
    b = set(b)

    return len( a.intersection(b))

common_neighbor(l1,l2)
```

Out[ ]:
```
1
```