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HOMEWORK 2 | Task 3

CSCI-548

**Performance Evaluation:**

* ‘Person’ Entity
  1. True Positives : 14
  2. False Positives : 1
  3. False Negatives : 3

Precision

Recall

F1 measure

* ‘Organization’ Entity
  1. True Positives : 9
  2. False Positives : 2
  3. False Negatives : 33

Precision

Recall

F1 measure

* ‘Organization’ Entity (Considering ‘Company’ equivalent to ‘Organization’)
  1. True Positives : 34
  2. False Positives : 2
  3. False Negatives : 8

Precision

Recall

F1 measure

NOTE: Calais tags terms like ‘Microsoft’ or ‘Apple’ as “Company” and not an “Organization”. Thus I have considered both cases:

1. when I assume that those terms were wrongly tagged as “Company” and they should have been tagged as “Organization” and the tagged matched terms are taken as ‘False Negatives’.

*They are marked as FN\* in the CSV file and considered as FN*

1. when I assume that “Company” and “Organization” are equivalent and the tagged matching terms are taken as ‘True Positives’

*They are marked as FN\* in the CSV file and considered as TP*