Report comparison between tf-idf and CBOW

- The best model is TF-IDF because it has a higher accuracy than other models.
- TF-IDF Model using SVC classification: Accuracy Score = 84.09 %
 - First Ten weights: [0.08623831, 0.00067443, 0.00742417, 0.10901635, -0.051393, -0.0256965, -0.0256965, 0.45350374, 0.13317529, -0.03227555])
- CBOW Model using SVC classification: Accuracy Score = 61.97 %
 - First Ten weights: [0.96915751, -0.61393173, 0.69102031, -1.37128383, 1.21836854, 1.6814669, 0.99303347, -0.93448003, -0.07090225, 0.18539607]
- CBOW Model using CNN classification: Accuracy Score = 70.76 %
- When we get the most similar for 'good' => model1.most_similar('good') the result is:

(bad', 0.8474155068397522),

('nice', 0.8347944021224976), ('funny', 0.807961106300354), ('great', 0.7707611918449402), ('quite', 0.7314134836196899), ('perfect', 0.7313023805618286), ('fine', 0.7258012890815735), ('cool', 0.7153827548027039), ('smart', 0.6937596797943115),

('decent', 0.6834757924079895)]

And maybe that's the reason of low accuracy in the CBOW.

Ву

r:	Ahmed Osama	20160006
	Mariam Nasser	20170284
	Moaaz Hasan	20170411