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Due:24/2/2021

1. Read paper *The role of lexicons in natural language processing*
2. running VADER
   1) the sentiment example provided by VADER, including tricky sentences like "without {any} doubt" as negation, film review, tag and non-English sentence. (vanderSentiment.py)
   2) trying poetry on VADER:

   The Raven (Paragraph One):

   Once upon a midnight dreary, while I pondered, weak and weary.------- -0.7506

   Over many a quaint and curious volume of forgotten lore.------------ 0.1027

   While I nodded, nearly napping, suddenly there came a tapping.------- 0.0

   As of some one gently rapping, rapping at my chamber door.---------- 0.4588

   "Tis some visitor," I muttered, "tapping at my chamber door.--------- 0.0

   Only this and nothing more.-- 0.0

   ".-- 0.0

   AVERAGE SENTIMENT FOR PARAGRAPH: -0.027

   The Raven (Paragraph Fourteen)

   "Prophet!" said I, "thing of evil!—prophet still, if bird or devil!-- -0.7412

   By that Heaven that bends above us—by that God we both adore.-------- 0.8402

   Tell this soul with sorrow laden if, within the distant Aidenn.------ -0.5267

   It shall clasp a sainted maiden whom the angels name Lenore.--------- 0.0

   Clasp a rare and radiant maiden whom the angels name Lenore.--------- 0.4767

   Quoth the Raven "Nevermore."--------------------------------------- 0.0

   AVERAGE SENTIMENT FOR PARAGRAPH: 0.0082

   I had some trouble in breaking the paragraph into sentence tokens, but VADER works well on sentence level, although counting average score cannot so properly express the sentiment of the paragraph.
3. Setting repository on gitlab

Plan for next week:
1. Understanding the provided demo
2. Trying to understand its function and limit on some tricky ones. e.g. emoji
3. If possible, finding other sentiment analysis tool and make comparation