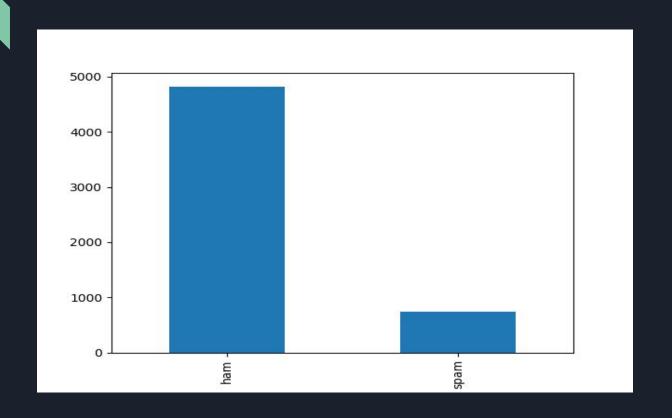
SPAM MESSAGE ANALYSIS

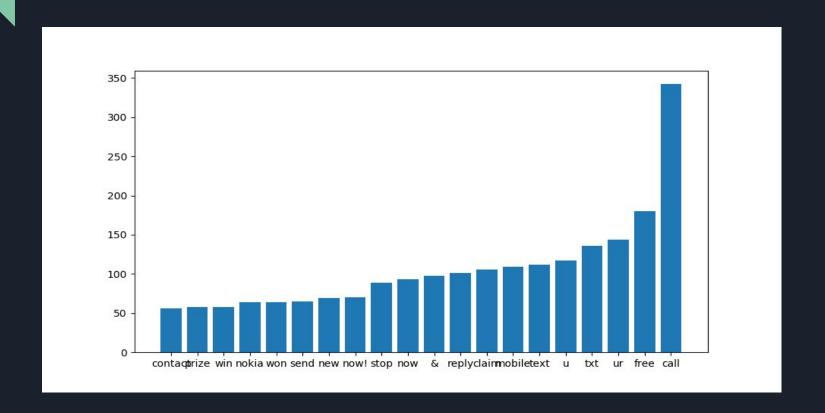
DATASET

v1	\v2
ham	Go until jurong point, crazy Available only in bugis n great world la e buffet Cine there got amore wat
ham	Ok lar Joking wif u oni
spam	Free entry in 2 a wkly comp to win FA Cup final tkts 21st May 2005. Text FA to 87121 to receive entry question(std txt rate)T&C's apply 08452810075over18's
ham	U dun say so early hor U c already then say
ham	Nah I don't think he goes to usf, he lives around here though
spam	FreeMsg Hey there darling it's been 3 week's now and no word back! I'd like some fun you up for it still? Tb ok! XxX std chgs to send, å£1.50 to rcv
ham	Even my brother is not like to speak with me. They treat me like aids patent.
ham	As per your request 'Melle Melle (Oru Minnaminunginte Nurungu Vettam)' has been set as your callertune for all Callers. Press *9 to copy your friends Callertune
spam	WINNER!! As a valued network customer you have been selected to receive a å£900 prize reward! To claim call 09061701461. Claim code KL341. Valid 12 hours only.
spam	Had your mobile 11 months or more? U R entitled to Update to the latest colour mobiles with camera for Free! Call The Mobile Update Co FREE on 08002986030
ham	I'm gonna be home soon and i don't want to talk about this stuff anymore tonight, k? I've cried enough today.
spam	SIX chances to win CASHI From 100 to 20,000 pounds txt> CSH11 and send to 87575. Cost 150p/day, 6days, 16+ TsandCs apply Reply HL 4 info
spam	URGENT! You have won a 1 week FREE membership in our å£100,000 Prize Jackpot! Txt the word: CLAIM to No: 81010 T&C www.dbuk.net LCCLTD POBOX 4403LDNW1A7RW18
ham	I've been searching for the right words to thank you for this breather. I promise i wont take your help for granted and will fulfil my promise. You have been wonderful and a blessing at all times.
ham	I HAVE A DATE ON SUNDAY WITH WILL!!
spam	XXXMobileMovieClub: To use your credit, click the WAP link in the next txt message or click here>> http://wap. xxxmobilemovieclub.com?n=QJKGIGHJJGCBL
ham	Oh ki'm watching here:)
ham	Eh u remember how 2 spell his name Yes i did. He v naughty make until i v wet.
ham	Fine if thatåÖs the way u feel. ThatåÖs the way its gota b
spam	England v Macedonia - dont miss the goals/team news. Txt ur national team to 87077 eg ENGLAND to 87077 Try:WALES, SCOTLAND 4txt/l½1.20 POBOXox36504W45WQ 16+
ham	Is that seriously how you spell his name?
ham	1‰Û÷m going to try for 2 months ha ha only joking
ham	So Ì pay first lar Then when is da stock comin
ham	Aff if finjish mullunch then i go str down lor. Ard 3 smth lor. I Lfinish ur lunch alreadu?

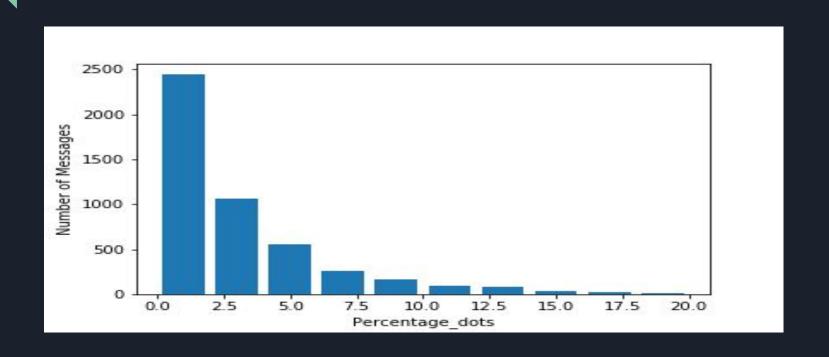
SPAM vs HAM COUNT



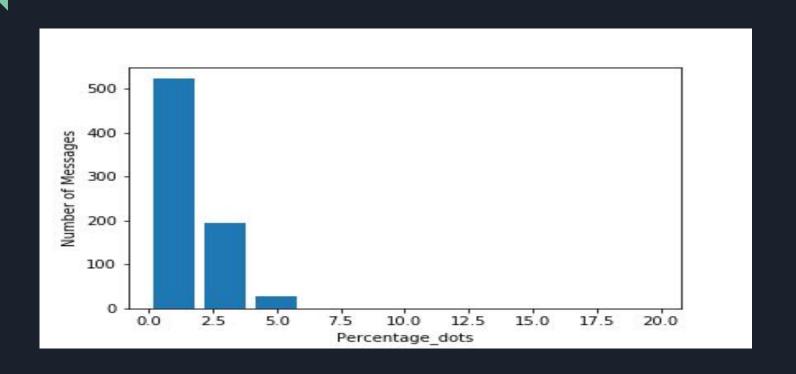
Frequent Words in SPAM



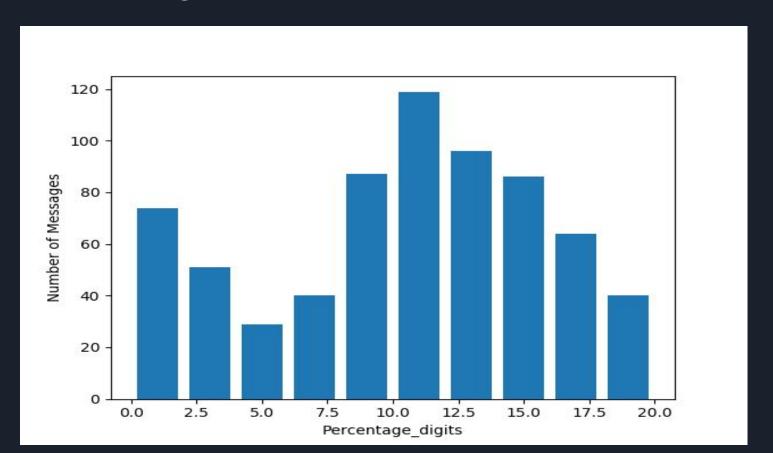
Percentage of Full stops ham



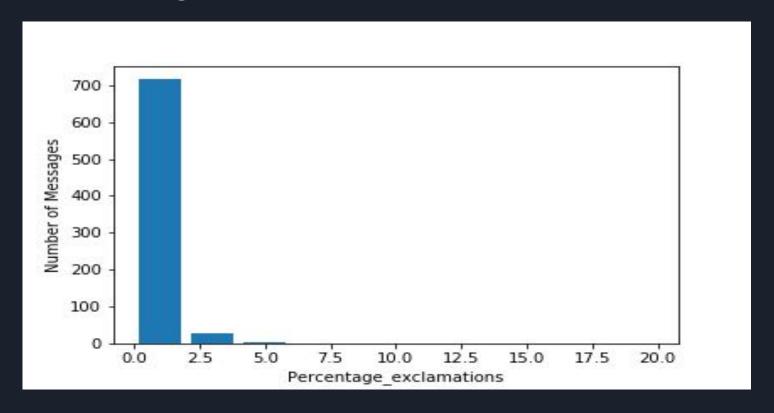
Percentage of Full stops Spam



Percentage of DIGITS



Percentage of Exclamations



Spelling mistake word cloud



THANK YOU