category	feature name	type
app meta	downloads	numeric
	pegi	categoric (n>2)
	reviews	numeric
	sizeMB	numeric
	stars	numeric
	type	categoric (n>2)
noti object	category	categoric (n>2)
	appPackage	categoric (n>2)
	posted_month_start	categoric (n=2)
	posted_month_end	categoric (n=2)
	posted_quarter	categoric (n>2)
	posted_quarter_start	categoric (n=2)
	posted_quarter_end	categoric (n=2)
	posted_year_start	categoric (n=2)
	posted_year_end	categoric (n=2)
	posted_month	categoric (n>2)
	posted_weekofyear	numeric
	posted_dayofweek	categoric (n>2)
	posted_dayofmonth	numeric
	posted_hour	numeric
	posted_min	numeric
	posted_is_weekend	categoric (n=2)
	posted_season	categoric (n>2)
	posted_partofday	categoric (n>2)
	is_holiday	categoric (n=2)
noti text	punc_!	categoric (n=2)
	punc_"	categoric (n=2)
	punc_"	categoric (n=2)
	punc_"	categoric (n=2)
	punc_#	categoric (n=2)
	punc_$	categoric (n=2)
	punc_%	categoric (n=2)
	punc_&	categoric (n=2)
	punc_'	categoric (n=2)
	punc_'	categoric (n=2)
	punc_(	categoric (n=2)
	punc_)	categoric (n=2)
	punc_*	categoric (n=2)
	punc_+	categoric (n=2)
	punc_,	categoric (n=2)
	punc_-	categoric (n=2)
	punc_.	categoric (n=2)

punc__/	categoric (n=2)
punc__:	categoric (n=2)
punc__;	categoric (n=2)
punc__<	categoric (n=2)
punc__=	categoric (n=2)
punc__>	categoric (n=2)
punc__?	categoric (n=2)
punc__@	categoric (n=2)
punc__[	categoric (n=2)
punc__\	categoric (n=2)
punc__]	categoric (n=2)
punc__^	categoric (n=2)
punc___	categoric (n=2)
punc__`	categoric (n=2)
punc__{	categoric (n=2)
punc__|	categoric (n=2)
punc__}	categoric (n=2)
punc__~	categoric (n=2)
emoji__Smileys & Emotion	numeric
emoji__Travel & Places	numeric
emoji__Objects	numeric
emoji__People & Body	numeric
emoji__Symbols	numeric
emoji__Food & Drink	numeric
emoji__Activities	numeric
emoji__Animals & Nature	numeric
emoji__Flags	numeric
has_entity	categoric (n=2)
entity__MISC	numeric
entity__EMOJI	numeric
entity__DATE	numeric
entity__MONEY	numeric
entity__LOC	numeric
entity__PER	numeric
entity__ORG	numeric
entity__None	numeric
entity__EMAIL	numeric
entity__TWITTERNAME	numeric
entity__URL	numeric
entity__SMILIE	numeric
speechact__statement	categoric (n=2)
speechact__command/request	categoric (n=2)
speechact__introduction	categoric (n=2)
speechact__evaluation	categoric (n=2)
speechact__question	categoric (n=2)

speechact_speculation	categoric (n=2)
speechact_agreement	categoric (n=2)
speechact_suggestion/recommendation	categoric (n=2)
speechact_well-wishing	categoric (n=2)
speechact_desire/need/hope	categoric (n=2)
speechact_commitment/promise	categoric (n=2)
speechact_greeting	categoric (n=2)
speechact_warning	categoric (n=2)
speechact_gratitude	categoric (n=2)
speechact_congratulation	categoric (n=2)
speechact_apology/condolence	categoric (n=2)
speechact_offer	categoric (n=2)
speechact_permission	categoric (n=2)
speechact_regret	categoric (n=2)
speechact_disagreement	categoric (n=2)
emotion_Excitement	categoric (n=2)
emotion_No emotion	categoric (n=2)
emotion_Disgust/Dislike	categoric (n=2)
emotion_Joy/Like	categoric (n=2)
emotion_Unknown emotion	categoric (n=2)
emotion_Surprise	categoric (n=2)
emotion_Anger	categoric (n=2)
emotion_Angst	categoric (n=2)
emotion_Fear	categoric (n=2)
emotion_Sadness	categoric (n=2)
has_question	categoric (n=2)
question_Yes/No question	numeric
question_Declarative question	numeric
question_Open-ended question	numeric
question_Unknown question type	numeric
question_Rhetorical question	numeric
question_Or question	numeric
question_Task question	numeric
question_Tag question	numeric
pos_tag_CC	numeric
pos_tag_CD	numeric
pos_tag_DT	numeric
pos_tag_EX	numeric
pos_tag_FW	numeric
pos_tag_IN	numeric
pos_tag_JJ	numeric
pos_tag_JJR	numeric
pos_tag_JJS	numeric
pos_tag_LS	numeric
pos_tag_MD	numeric

pos_tag_NN	numeric
pos_tag_NNS	numeric
pos_tag_NNP	numeric
pos_tag_NNPS	numeric
pos_tag_PDT	numeric
pos_tag_POS	numeric
pos_tag_PRP	numeric
pos_tag_PRP$	numeric
pos_tag_RB	numeric
pos_tag_RBR	numeric
pos_tag_RBS	numeric
pos_tag_RP	numeric
pos_tag_SYM	numeric
pos_tag_TO	numeric
pos_tag_UH	numeric
pos_tag_VB	numeric
pos_tag_VBD	numeric
pos_tag_VBG	numeric
pos_tag_VBN	numeric
pos_tag_VBP	numeric
pos_tag_VBZ	numeric
pos_tag_WDT	numeric
pos_tag_WP	numeric
pos_tag_WP$	numeric
pos_tag_WRB	numeric
sentiment_Unknown sentiment	categoric (n=2)
sentiment_Negative	categoric (n=2)
sentiment_Neutral	categoric (n=2)
sentiment_Positive	categoric (n=2)
sarcasm_Non-sarcastic	categoric (n=2)
sarcasm_Sarcastic	categoric (n=2)
has_date	categoric (n=2)
date_today	categoric (n=2)
date_tonight	categoric (n=2)
date_tomorrow	categoric (n=2)
date_yesterday	categoric (n=2)
date_weekend	categoric (n=2)
count_stopwords	numeric
count_unique_emojis	numeric
count_emojis	numeric
count_mentions	numeric
count_htags	numeric
count_words_in_quotes	numeric
count_capital_words	numeric
count_capital_chars	numeric

count_chars	numeric
avg_word_length	numeric
count_words	numeric
avg_sentence_length	numeric
count_sentences	numeric
count_unique_numeric_chars	numeric
count_numeric_chars	numeric
count_unique_special_chars	numeric
count_special_chars	numeric
count_unique_currency_symbol	numeric
count_currency_symbol	numeric
position_emoji	categoric (n>2)
position_mention	categoric (n>2)
position_htag	categoric (n>2)
position_words_in_quotes	categoric (n>2)
position_capital_words	categoric (n>2)
position_numeric_chars	categoric (n>2)
position_special_chars	categoric (n>2)
position_currency_symbol	categoric (n>2)
sentiment_polarity	numeric
sentiment_subjectivity	numeric