

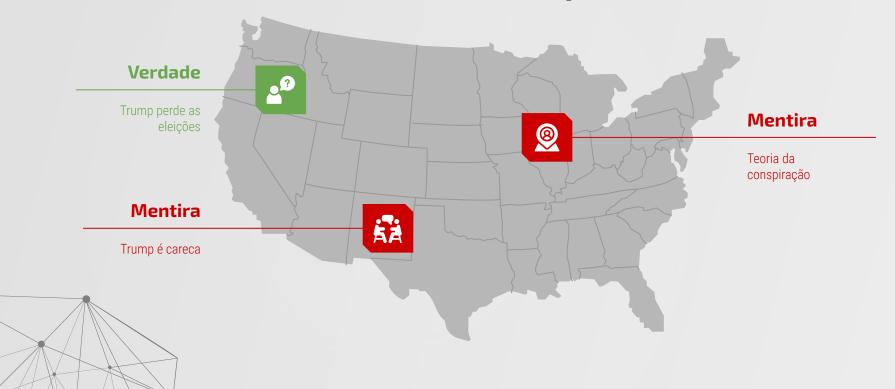
O1 INTRODUÇÃO



TÓPICOS

- Eleições EUA 2020
- Tratamento nos datasets
- Machine Learning
- Construção do grafo
- Análise das métricas coletadas

TWEETS #DonaldTrump





DATASETS USADOS

434 — politifact_fake.csv 636 — politifact_real.csv 5000 — hashtag_donaldtrump_tratada.csv



1000 — data.csv

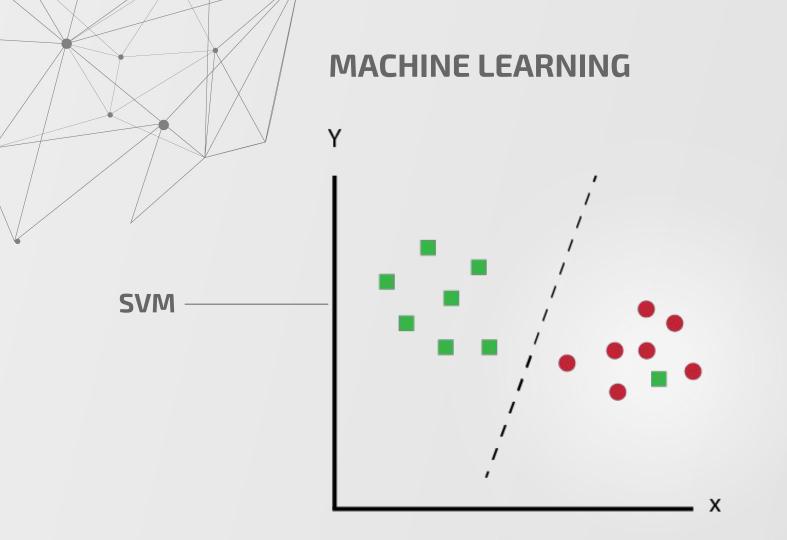
TRATAMENTO

created_at,tweet_id,tweet,likes,retweet_count,source,user_id,user_name,user_screen_name,user_description,user_join_dat
2020-10-15 00:00:01.1.310529221557252e+18."#flecciones2020 | En #Florids: #JoeBiden dice que #DonaldTrump solo se pre mhttps://t.co/qhIWpIUXsT #ElSolLatino #yobrilloconelsol https://t.co/6FlCBWf1Mi",8.8,8.0,TweetDeck,360666534.0,EL Sol Latino News,elsollatinon Facebook e Instagram Miami: /elsollatinonewsmiami*,2011-08-23 15:33:45,1860.0, "Philadelphia, PA / Miami, FL",25.77427, -80.19366, Unite
2020-10-15 00:00:01,1.3165292227484303e+18, "Usa 2020, Trump contro Facebook e Twitter: coprono Biden #donaldtrump h 2020-10-15 00:00:01,1. 16529222/484303e+18,"Usa 2020, Trump contro racebook e fwitter. Coprono-black machine 16529228091847e+18,"#Trump: As a student I used to hear for years, for ten years, I heard Chin. 2020-10-15 00:00:02,1.31 Um. What?",2.8,1.8,Twitter Web App,8436472.8,snarke, "Will mock for food! Freelance writer, blogger, commentato 2020-10-15 00:00:02.1 7e+18,2 hours since last tweet from #Trump! Maybe he is VERY busy. Tremendously bi 13e+18,You get a tie! And you get a tie! #Trump 's rally #Iowa https://t.co/jJalU 2020-10-15 00:00:08 1 2020-10-15 00:00:17.1 She cried to #Trump begging for a job!",2.8,8.8,Twitter for Android,1138416184.8,Farris Flagg,FarrisFlagg,#BidenHarris \$29289949569e+18,@richardmarx Glad u got out of the housel DICK!#trump 2020 to usus,0.0.0.0,Ti 2020-10-15 00:00:17.1 8,@DeeviousDenise @realDonaldTrump @nypost There won't be many of them. Unlo 2+18,0ne of the single most effective remedies to eradicate another round of #Ti 2+18,"#Election2020 #Trump 2020-10-15 00:00:20, 2020-10-15 00:00:21,1 #FreedomOfSpeech https://t.co/9slOZFZNHJ",8.8,0.0.Twitter Web App,1.385532976998969e+18, Johnny Quest, JohnnyQuest22, "Is Teach our children to be Entrepreneurs not Marxists! Teach our Children to be entrepreneurs not marxists:
Entrepreneurs create jobs and innovate to solve problems",2020-09-14 15:45:18,8.0,,,,,,0020-10-21 00:00:03.3589487
2020-10-15 00:00:23,1,3165293165079306e+18,"""IS THIS WRONG??!!"" Cory Booker's BRILLIANT Final Questioning of Trump! #AmyConeyBarrett #CoryBooker #Barrett #Booker #Trump #KamalaHarris #JoeBiden #SCOTUS #SupremeCourtConfirmation", 0.8, 2020-10-15 00:00:25.1.316529324 405e+18. "In 2020, #NyPost is being #censorship #CENSORED by Twitter to manipulate but CCP from #China or porn on Twitter? That's always been fine for @jack @vijaya @dickc @KatieS. @marciadorsey is @jack sick?",0.0,0.0,Twitter for iPhone,19940334.0,Change Illinois | Biden will increase taxes by \$4
2020-10-15 00:00:26,1.3105293280884813e+18,WTrump WPresidentTrump WTrump2020LandslideVictory WTrump2020 MMAGA WKAG WKA Stay Classy #America us #MAGA #KAG", 2020-10-15 00:00:31,1.31



212674482, 499073990 121574367 499073990, 893479800 58529612 123281100, 20882981. 105165371 963297229 58529612, 123281100, 58529612, 123281188 196415460, 225251520, 123281188 58529612. 123281100, 44815988.





CONSTRUÇÃO DO GRAFO

Tweet criticando Trump

52404615

Tweet elogiando Trump

706668452





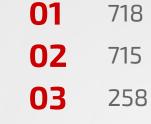
SVM

Acurácia: 85%

Distribuição dos dados: 80% Treino 20% Teste

GRAFO

COMUNIDADES









4 **07**

2 08

2 09

2 10

2 11

2 **12**



CASCATA







MÉTRICAS





	52404615 Fake	706668452 Real	
Degree %	18	40	
Closeness %	40	54	
Betweenness %	25	47	

