



Classificação e Propagação de Fake news

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01

INTRODUÇÃO

TÓPICOS

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



TWEETS #DonaldTrump

Verdade

Trump perde as
eleições



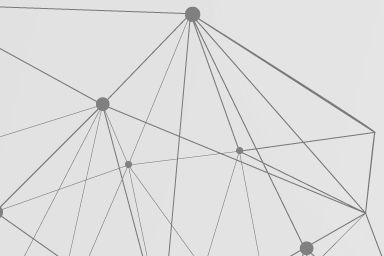
Mentira

Trump é careca



Mentira

Teoria da
conspiração





02

DATASETS

DATASETS USADOS

434

politifact_fake.csv

636

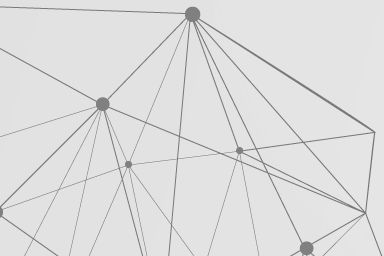
politifact_real.csv

50000

hashtag_donaldtrump_tratada.csv

1000

data.csv





TRATAMENTO

[illegible]

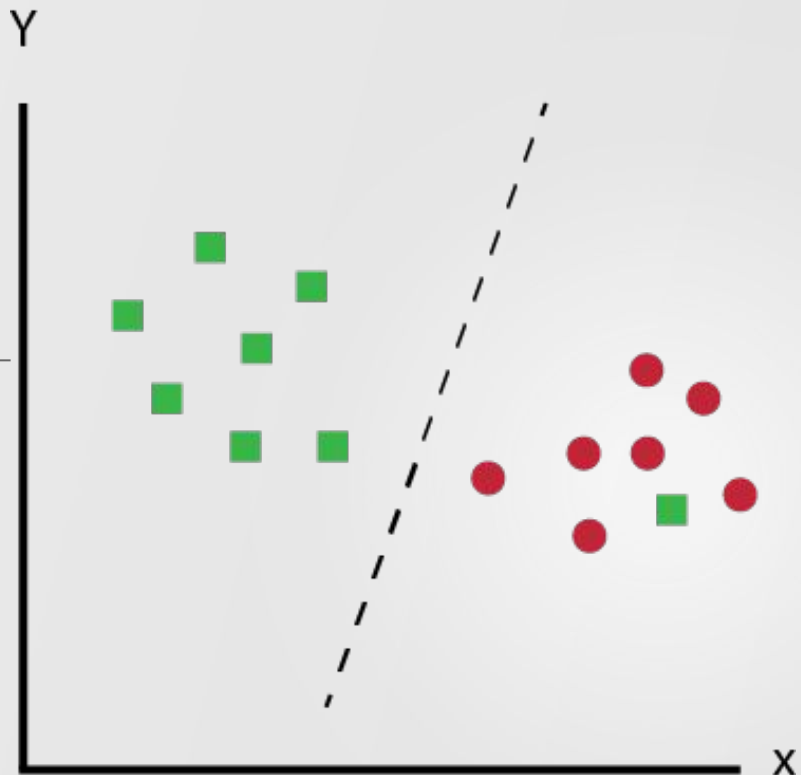


03

METODOLOGIA

MACHINE LEARNING

SVM





CONSTRUÇÃO DO GRAFO

Tweet criticando
Trump

52404615

Tweet elogiando
Trump

706668452



The background features a light gray field with a network of thin gray lines connecting small dark gray circular nodes. These nodes are arranged in a complex, web-like pattern, with some nodes having multiple connections. A single, isolated node is visible in the upper left quadrant. The overall aesthetic is modern and technical.

04

RESULTADOS



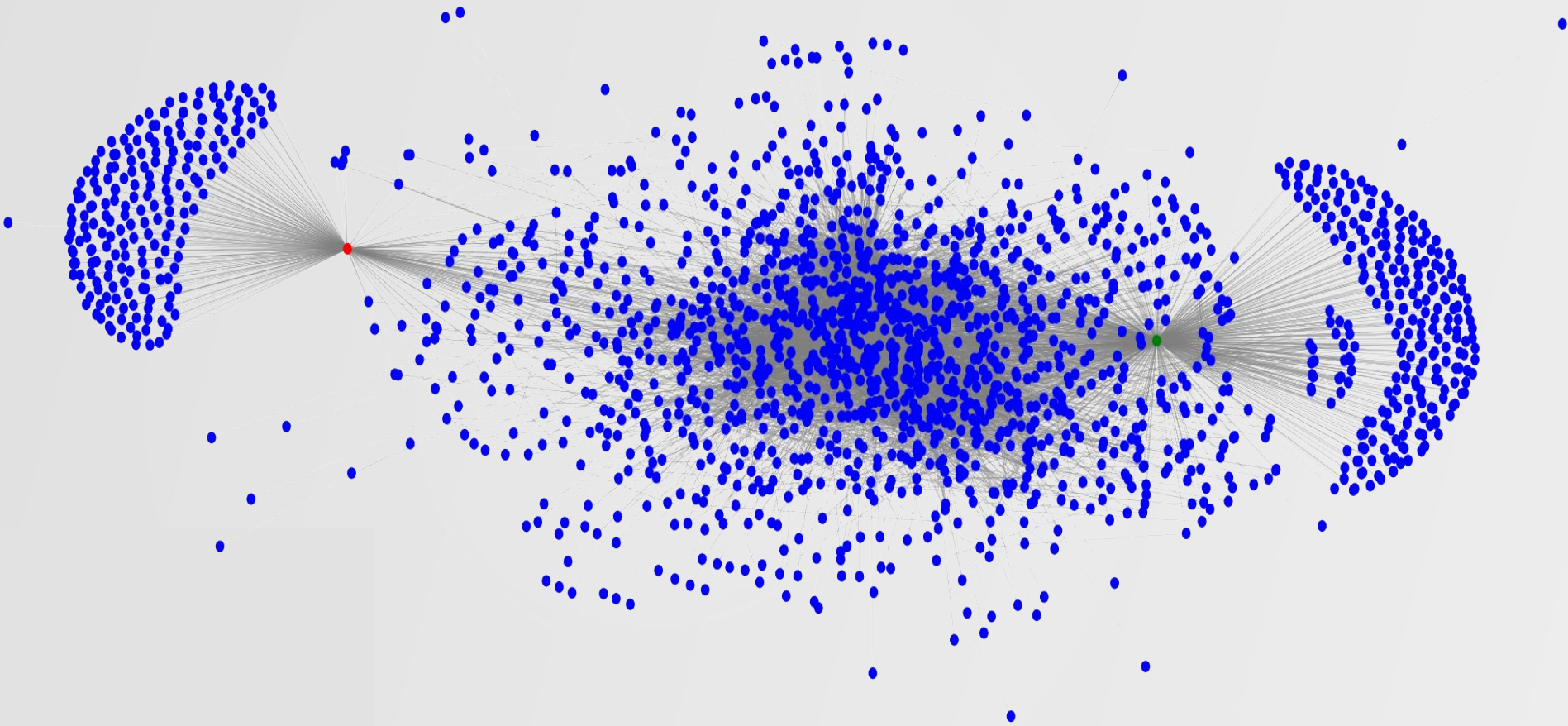
SVM

Acurácia: 85%

**Distribuição dos dados:
80% Treino
20% Teste**



GRAFO



COMUNIDADES

01 718

02 715

03 258

04 98

05 48

06 5

4 **07**

2 **08**

2 **09**

2 **10**

2 **11**

2 **12**

Total 1858

CASCATA



52404615

Alcance de ambos
1855

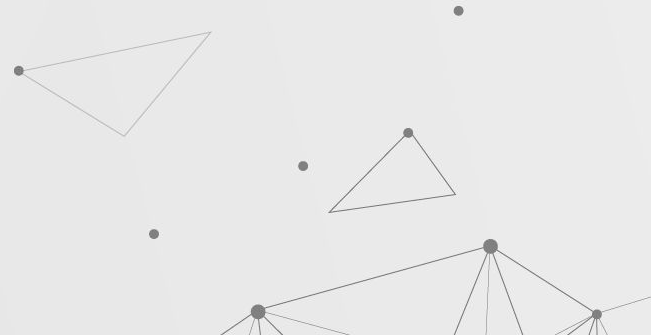


706668452

MÉTRICAS



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





OBRIGADO