

# DISINFORMATION ANALYSER

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### FALSE

## INTENT TO HARM

Ms-information

False Connection
Msleading Content

#### Dis-information

False Context
Imposter Content
Manipulated
Content
Fabricated
Content

#### Mal-information

(Some) Leaks (Some) Harassment (Some) Hate speech

## WHAT IS DESINFORMATION

misinformation

"false information that is spread, regardless of whether there is intent to mislead."

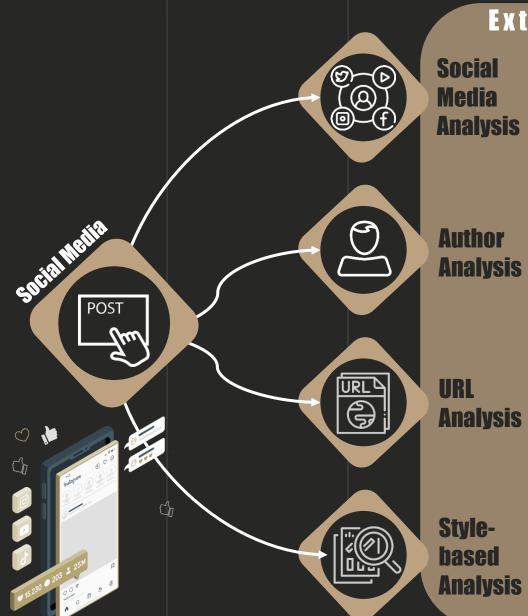
disinformation

"deliberately misleading or biased information; manipulated narrative or facts; propaganda."

fake news

"purposefully crafted, sensational, emotionally charged, misleading or totally fabricated information that mimics the form of mainstream news"

## KEY CONCEPTS ANALYSIS OF DISINFORMATION IN SOCIAL MEDIA



## **Extract Features**

**Social** Media

- Retweets
- User\_followers User Name
- User\_following Created\_at
- Location

- Tweet\_id

- Screen\_name

- Engagement Rate
- Bot Score

• Malicious

**Analysis** 

#### Lexical

- TF-IDF
- Quantity
- Sentiment
- Subjectivity
- Informality Polarity
- Complexity

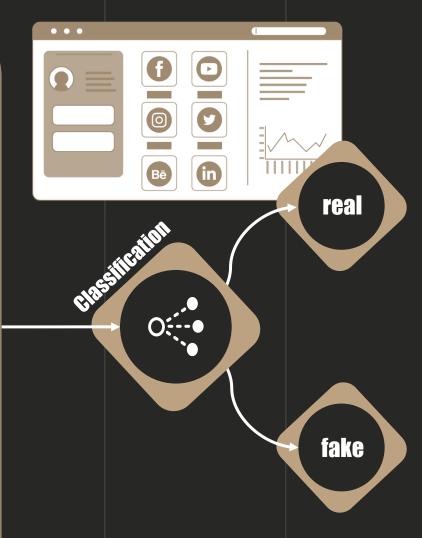
Pleasantness

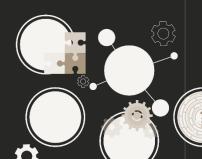
Activation

**Syntactic** 

Imagery

Uncertainty





## THE SOLUTION

Data Collection







spaCy





Extract Feature



Drent Uncase





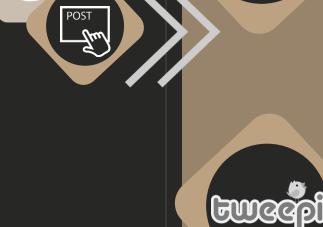


Data Visualization





Data Storage



## **FUTURE DIRECTIONS**







**Google CS** 





Data

Flow

apache ific

Data Distribution



Extract Feature



Data Classification



Data Storage



Data Visualization





GetTwitter

GetFile

**ExecuteScript** 

**PublishKafkaRecord** 



**Files** 



Kubernetes Cluster