TWITTER DATA ANALYSIS USING NODEXL

SOCIAL NETWORK ANALYSIS

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01

HOW CONNECTIONS ARE FORMED ON TWITTER
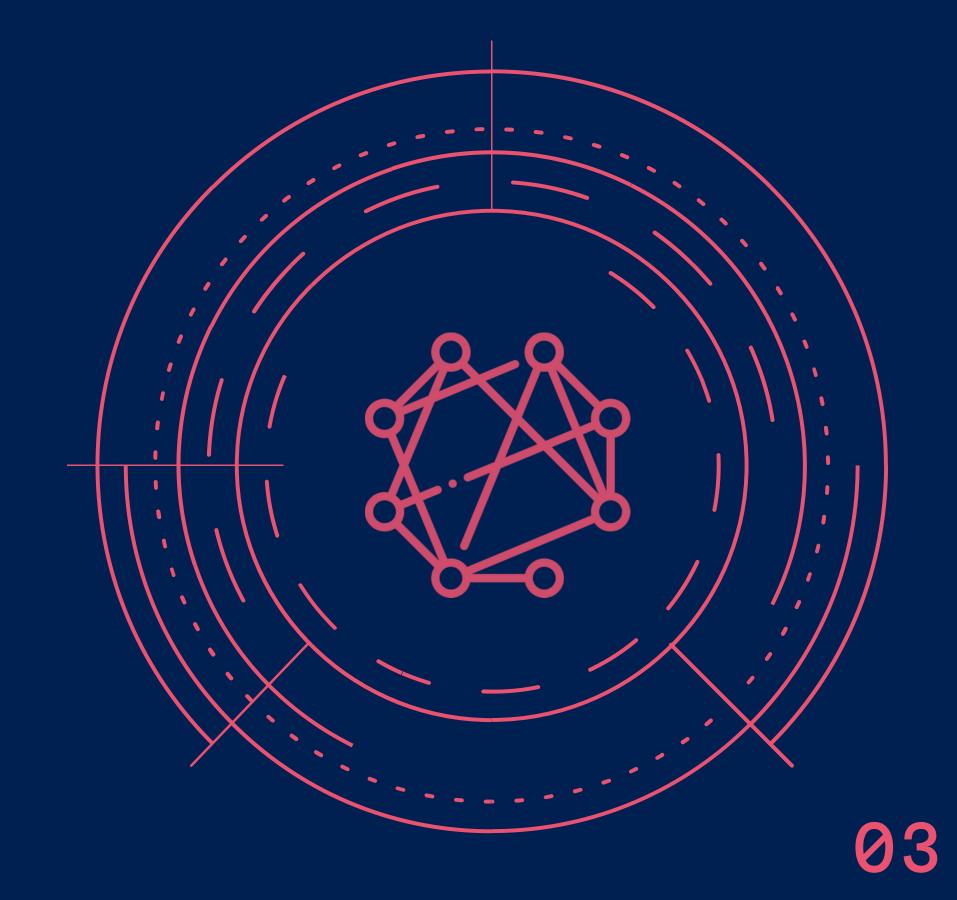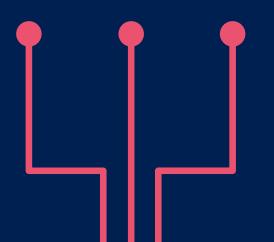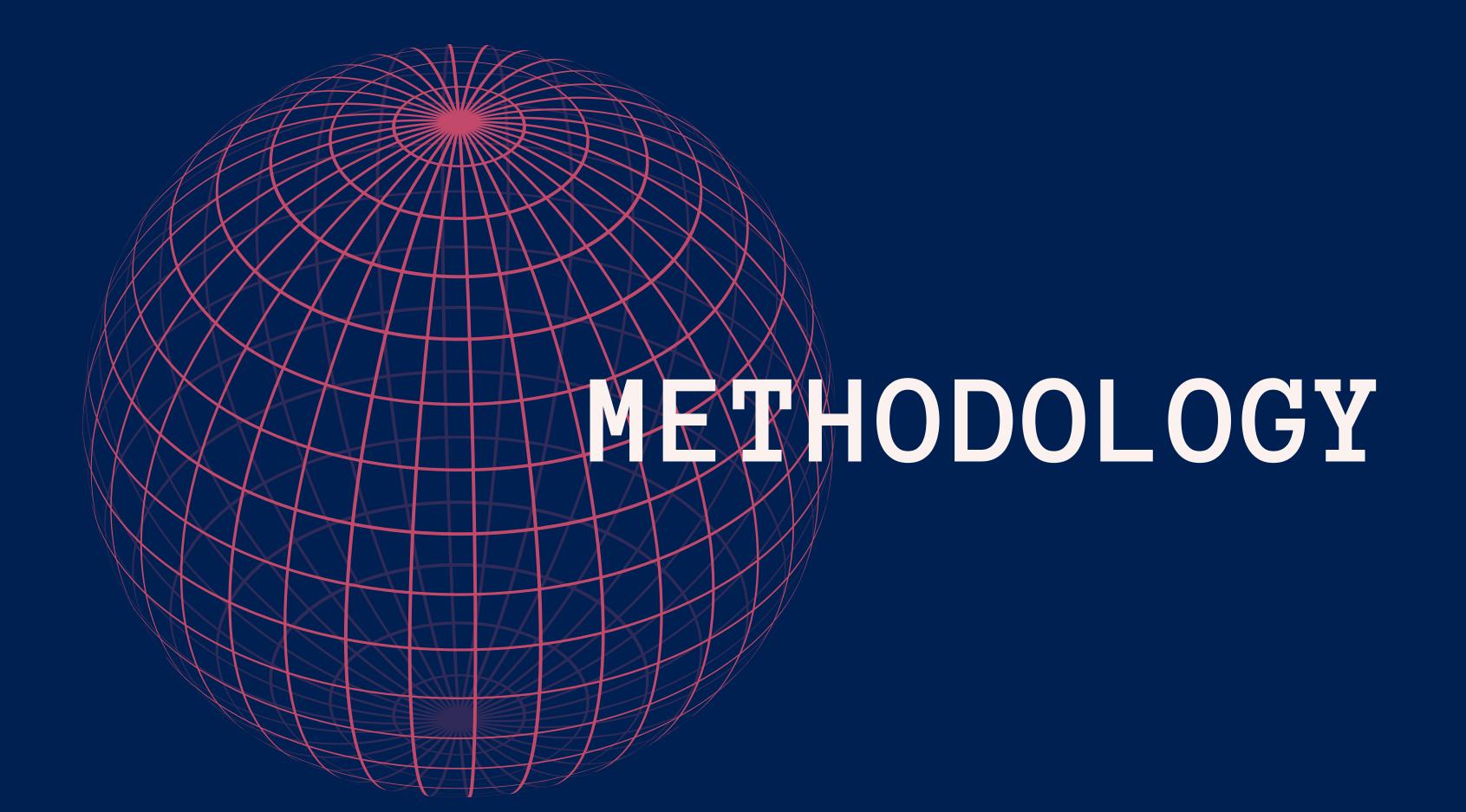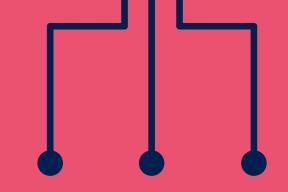
LIKE

TAG

RETWEET

FOLLOW

COMMENT

02

WHAT IS NODEXL?

An extension for Microsoft
excel which provides a
general purpose network
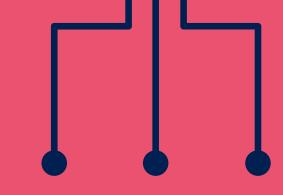analysis that supports network
overview,discovery and
exploration

03

METHODOLOGY
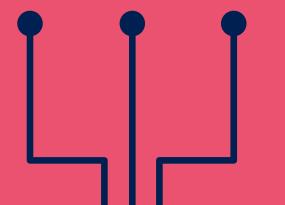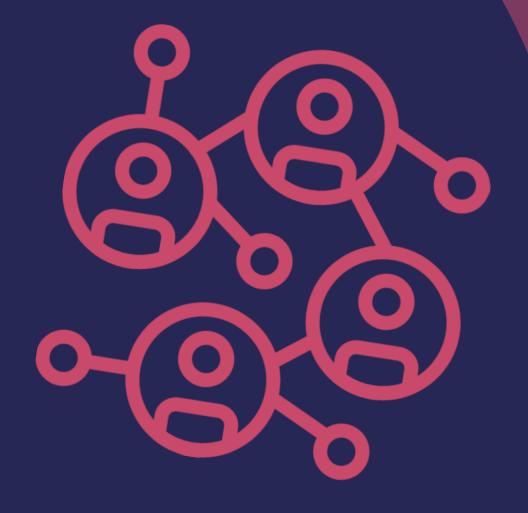
GRAPH TYPE : DIRECTED

VERTICES: 654

UNIQUE EDGES: 424

EDGES WITH DUPLICATES: 8

TOTAL EDGES: 432

SELF LOOPS: 51

07   CONNECTED COMPONENTS: 280

SINGLE- VERTEX CONNECTED
COMPONENTS: 50

MAXIMUM VERTICES IN A CONNECTED-
COMPONENTS: 14

MAXIMUM EDGES IN A CONNECTED-
COMPONENTS: 14

MAXIMUM GEODESIC
DISTANCE(DIAMETER): 4

AVERAGE GEODESIC DISTANCE: 1.0317

GRAPH DENSITY: 0.000882776

TOP URLS IN TWEET IN ENTIRE GRAPH

https://cyberblogindia.in/coronavirus-fakenews-phishing-malware-ransomware-cyber-crime/

TOP DOMAINS IN TWEET IN ENTIRE GRAPH

twitter.com

TOP HASHTAGS IN TWEET IN ENTIRE GRAPH

covid19

TOP TWEETERS IN ENTIRE GRAPH

tomthunkitsmind

09

REFERENCES

Guide to Social network and content
analysis with Twitter data

www.smrfoundation.org/wp-
content/uploads/2019/02/NodeXL-Pro-Tutorial-Social-
network-and-content-analysis-with-Twitter-network-
data-%E2%80%93-step-by-step.pdf

NodeXL

https://nodexl.com/

THANK YOU!

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