

Practical-01

Aim:

Testing of the phone number, email id etc. if real by test message. Test whether the information is filtered at point of reception. Test if operator / another person assistance can be obtained and Test whether the information can be planted in form of note / email / Message (Phishing)

Theory: A social engineering assessment serves as a crucial evaluation of an organization's susceptibility to human vulnerabilities, recognizing that individuals often represent the weakest link in any comprehensive security strategy. Testing both employees and associated security policies is considered a prudent best practice. One frequently employed tactic in these assessments is impersonation, where malicious actors masquerade as someone of importance or with authorized access to deceive their targets. This impersonation can take various forms, such as personal interactions or communication mediums like phone calls or emails. Additionally, phishing, characterized by deceptive emails claiming to be from legitimate sources, seeks to illicitly obtain personal or account information by redirecting users to counterfeit websites that mimic trustworthy ones. Furthermore, social engineering techniques extend beyond email-based phishing and also encompass smishing, utilizing SMS text messages, and vishing, which involves voice-based phishing over the phone. Particularly prevalent within businesses, vishing incidents involve scammers contacting departments like customer service, HR, or IT and fabricating various pretexts, from mortgage lenders seeking email address verification to executive assistants requesting password changes on behalf of their superiors. These assessments aim to fortify an organization's defenses against such manipulative tactics.

Data Collection and Verification:

As part of the practical project, data was collected from 20 individuals, comprising 5 friends, 5 faculty staff, and 10 random people. The collected data included phone numbers, email addresses, and IP addresses.

Steps for verifying email addresses using online verification:

- 1] Gather the Email Addresses: Collect the email addresses you want to check for validity.
- 2] Open Your Web Browser: Launch your web browser and ensure an active internet connection.
- 3] Navigate to the Verification Website: Enter the URL of an email verification service in the browser's address bar.
- 4] Access the Email Verification Tool: Find the tool for validating email addresses on the website.
- 5] Enter the Email Address: Type the email address you want to verify into the provided field.
- 6] Initiate the Verification Process: Start the verification, often by clicking a "Verify" button.
- 7] View Verification Results: Check the displayed results indicating if the email is valid or not.
- 8] Repeat for Additional Email Addresses: If needed, repeat the process for other email addresses.

Steps for verifying mobile number using online verification:

- 1] Access the Service: Go to the EMobileTracker website or platform to access their phone number tracking service.
- 2] Enter Phone Number: Input the phone number you want to track or verify, whether it's a mobile or landline number.
- 3] Retrieve Information: The service will process the provided phone number and retrieve relevant information associated with it.
- 4] Operator Information: EMobileTracker provides details about the operator of the phone number, including information about the telecom company that provides services for that number.
- 5] Owner Identification: The service offers insights about the owner of the phone number, which may include the owner's name, address, and other pertinent details.

Steps for verifying ip addresses using online verification:

- 1] Access the Service: Visit the Grabify website to access their online tracking and URL shortening service.
- 2] Generate Tracking Link: Begin by generating a tracking link using Grabify's tools. This link will be utilized to track users who click on it.
- 3] Shorten URL (Optional): If you prefer, you can choose to shorten the tracking link using Grabify's URL shortening feature. This can make the link more user-friendly and easier to share.
- 4] Share the Link: After generating or shortening the link, you can distribute or share it with the individuals or entities whose IP addresses you want to verify or track.
- 5] Monitor Clicks: Keep an eye on the tracking link you shared. When someone clicks on the link, Grabify will start tracking their IP address and other relevant information.
- 6] Access Tracking Data: Access the tracking data provided by Grabify. The service will typically offer information about the IP address, location, device type, browser, and more of the user who clicked the link.
- 7] Analyze the Information: Review and analyze the collected data to verify the legitimacy or location of the IP address. This can help you determine if the IP address belongs to a specific individual, organization, or location.
- 8] Repeat as Needed: If you have multiple IP addresses to verify, you can repeat the process by generating separate tracking links for each one.

a. Friends Data:

IP address: Grabify

Email: Emaillistverify

Mobile no: Emobiletracker

Seadon Kinny:

Email: seadonfcrit@gmail.com Mobile Number: +91 77388 71368

Date/Time	2023-08-04 12:10:00 UTC
IP Address	106.194.235.235
Country	Loading...
Browser	Chrome Mobile (115.0.0.0)
Operating System	Android 10
User Agent	Mozilla/5.0 (Linux; Android 10; K) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/115.0.0.0 Mobile Safari/537.36
Referring URL	no referrer

Close

seadonfcrit@gmail.com
is **valid and deliverable** email address

Type of Email	Free	Role Email	No
Disposable Email	No	Spam Trap	No
Accept All	No	Misstyped domain	Coming soon

[Learn more about result codes](#)

Close

Tracing Result for +917738871368	
Phone number is valid	✓
Number is not ported	✓
Phone connected to the network	✓
Number information	
Name: No matches found	
Country : India	
Country code: +91	
Telephone Number: +917738871368	
ISO 3166-1 alpha-2 code: IN	
Telecom Provider: Airtel	
Network Type: CDMA / GSM	
TimeZone: Asia/Calcutta	

Rishikesh Patil:

Email: rishikeshpatil010203@gmail.com

Mobile Number: +91 83080 17733

Advanced Log	
Date/Time	2023-08-04 11:58:30 UTC
IP Address	106.209.139.24
Country	Loading...
Browser	Chrome Mobile (115.0.0.0)
Operating System	Android 10
User Agent	Mozilla/5.0 (Linux; Android 10; K) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/115.0.0.0 Mobile Safari/537.36
Referring URL	no referrer

Close

rishikeshpatil010203@gmail.com
is **valid and deliverable** email address

Type of Email	Free	Role Email	No
Disposable Email	No	Spam Trap	No
Accept All	No	Misstyped domain	Coming soon

[Learn more about result codes](#)

Close

Tracing Result for +918308017733	
Phone number is valid	✓
Number is not ported	✓
Phone connected to the network	✓
Number information	
Name: umeshr	
Country : India	
Country code: +91	
Telephone Number: +918308017733	
ISO 3166-1 alpha-2 code: IN	
Telecom Provider: Idea	
Network Type: CDMA / GSM	
TimeZone: Asia/Calcutta	

Walter Mhapsekar:
Email: fcritwalter@gmail.com
Mobile Number: +91 74984 71670

fcritwalter@gmail.com

is valid and deliverable email address

Type of Email

Free

Role Email

No

Disposable Email

No

Spam Trap

No

Accept All

No

Mistyped domain

Coming soon

Learn more about result codes

Close

Tracing Result for +917498471670	
Phone number is valid	✔
Number is not ported	✔
Phone connected to the network	✔
Number information	
<div><div></div><div></div></div>	Name:Mumbai M
Country : India	
Country code: +91	
Telephone Number: +917498471670	
ISO 3166-1 alpha-2 code: IN	
Telecom Provider: Reliance Jio	
Network Type: FIXED LINE OR MOBILE	
TimeZone: Asia/Calcutta	

Date/Time	2023-08-04 12:05:02 UTC
IP Address	42.111.113.33
Country	Loading...
Browser	Chrome Mobile (114.0.0.0)
Operating System	Android 13
User Agent	Mozilla/5.0 (Linux; Android 13) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/114.0.0.0 Mobile Safari/537.36
Referring URL	no referrer

Close

Pratik Shrivastav:
Email: pratikshrivastav20@gmail.com
Mobile Number: +91 99693 28125

Tracing Result for +919969328125

Phone number is valid✔

Number is not ported✔

Phone connected to the network✔

Number information

Name:ansu

Country : India

Country code: +91

Telephone Number: +919969328125

ISO 3166-1 alpha-2 code: IN

Telecom Provider: MTNL

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

Advanced Log

Date/Time	2023-08-04 12:10:00 UTC
IP Address	106.194.235.235
Country	Loading...
Browser	Chrome Mobile (115.0.0.0)
Operating System	Android 10
User Agent	Mozilla/5.0 (Linux; Android 10; K) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/115.0.0.0 Mobile Safari/537.36
Referring URL	no referrer

Close

pratikshrivastav20@gmail.com

is valid and deliverable email address

Type of Email

Free

Role Email

No

Disposable Email

No

Spam Trap

No

Accept All

No

Mistyped domain

Coming soon


Learn more about result codes

Close

Robin Manickam:
Number: +91 75881 42002
Email: architnavale13@gmail.com

Advanced Log	
Date/Time	2023-08-04 17:30:33 UTC
IP Address	103.155.212.208
Country	India, Mumbai
Browser	vivo Browser (10.6.0.3)
Operating System	Android 10
Device	Vivo Y50
User Agent	Mozilla/5.0 (Linux; Android 10; vivo 1935; vv) AppleWebKit/537.36 (KHTML, like Gecko) Version/4.0 Chrome/87.0.4280.141 Mobile Safari/537.36 VivoBrowser/10.6.0.3
Referring URL	no referrer
Host Name	103.155.212.208

Close




architnavale13@gmail.com
is **valid and deliverable** email address

Type of Email	Free	Role Email	No
Disposable Email	No	Spam Trap	No
Accept All	No	Misstyped domain	Coming soon

[Learn more about result codes](#)

Close

Tracing Result for +917588142002	
Phone number is valid	✓
Number is not ported	✓
Phone connected to the network	✓
Number information	
	Name: milin bhosle
Country : India	
Country code: +91	
Telephone Number: +917588142002	
ISO 3166-1 alpha-2 code: IN	
Telecom Provider: BSNL MOBILE	
Network Type: CDMA / GSM	
TimeZone: Asia/Calcutta	

b. Faculty Staff

The data of 5 faculty staff members was collected directly from them, with their consent, during the practical. All data provided by the faculty staff was stored securely and treated with confidentiality.

Name: Suraj Khandare

Validation summary

Input data: suraj.khandare@fort.ac.in

Classification: **Deliverable**
Status: Valid email, with no high-risk factors detected, safe to send mail.
Status code: Success (What's this?)

Validation report

Syntax validation

• The address is syntactically valid.

Address (without comments and taking white spaces): suraj.khandare@fort.ac.in


Local part: suraj.khandare

Domain part: fort.ac.in

ASCI domain part: The domain part is not internationalized, no conversion to ASCII is necessary.


Email verification for developers.

Keep bad data from ever entering your system by rejecting invalid addresses in real-time!
An elegant and secure HTTPS-based RESTful API, which uses JSON as its primary data interchange format.



Free and open-source SDK's for multiple development platforms make integration a breeze. Input a couple of lines of code and validate email addresses from within your own website or application!

Get started for free

Tracing Result for +919004879308	
Phone number is valid	✓
Number is not ported	✓
Phone connected to the network	✓
Number information	
	Name: Not Found
Country : India	
Country code: +91	
Telephone Number: +919004879308	
ISO 3166-1 alpha-2 code: IN	
Telecom Provider: Airtel	
Network Type: CDMA / GSM	
TimeZone: Asia/Calcutta	

Name: Sharlene Rebeiro

Validation summary

Input data: **sherlene.rebeiro@forti.ac.in**

Classification: **Deliverable**
Status: Valid email, with no high-risk factors detected safe to send mail.
Status code: Success (What's this?)

Validation report

Syntax validation

The address is syntactically valid.

Address (without comments and holding white spaces): sherlene.rebeiro@forti.ac.in

Local part: sherlene.rebeiro

Domain part: forti.ac.in

ASCII domain part: The domain part is not internationalized, no conversion to ASCII is necessary.

Email verification for developers.

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Free and open-source SDK's for multiple development platforms make integration a breeze: input a couple of lines of code and validate email addresses from within your own website or application!

Get started for free

Tracing Result for +918157996742

Phone number is valid

Number is not ported

Phone connected to the network

Number information

Name:No matches found

Country : India

Country code: +91

Telephone Number: +918157996742

ISO 3166-1 alpha-2 code: IN

Telecom Provider: Idea

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

Name: Neelima Kulkarni

Validation summary

Input data: **neelima.kulkarni@forti.ac.in**

Classification: **Deliverable**
Status: Valid email, with no high-risk factors detected safe to send mail.
Status code: Success (What's this?)

Validation report

Syntax validation

The address is syntactically valid.

Address (without comments and holding white spaces): neelima.kulkarni@forti.ac.in

Local part: neelima.kulkarni

Domain part: forti.ac.in

ASCII domain part: The domain part is not internationalized, no conversion to ASCII is necessary.

Email verification for developers.

Keep bad data from ever entering your system by rejecting invalid addresses in real-time!

An elegant and secure HTTPS-based RESTful API, which uses JSON as its primary data interchange format.

Free and open-source SDK's for multiple development platforms make integration a breeze: input a couple of lines of code and validate email addresses from within your own website or application!

Get started for free

Tracing Result for +918630407731

Phone number is valid

Number is not ported

Phone connected to the network

Number information

Name:neelima di

Country : India

Country code: +91

Telephone Number: +918630407731

ISO 3166-1 alpha-2 code: IN

Telecom Provider: Reliance Jio

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

Name: Supriya Joshi

Validation summary

Input data: **supriya.joshi@forti.ac.in**

Classification: **Deliverable**
Status: Valid email, with no high-risk factors detected safe to send mail.
Status code: Success (What's this?)

Validation report

Syntax validation

The address is syntactically valid.

Address (without comments and holding white spaces): supriya.joshi@forti.ac.in

Local part: supriya.joshi

Domain part: forti.ac.in

ASCII domain part: The domain part is not internationalized, no conversion to ASCII is necessary.

Email verification for developers.

Keep bad data from ever entering your system by rejecting invalid addresses in real-time!

An elegant and secure HTTPS-based RESTful API, which uses JSON as its primary data interchange format.

Free and open-source SDK's for multiple development platforms make integration a breeze: input a couple of lines of code and validate email addresses from within your own website or application!

Get started for free

Tracing Result for +918104929912

Phone number is valid

Number is not ported

Phone connected to the network

Number information

Name:Not Found

Country : India

Country code: +91

Telephone Number: +918104929912

ISO 3166-1 alpha-2 code: IN

Telecom Provider: Reliance Jio

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

Name: Dhanashree Hadsul

➤ New validation

Validation summary

Input data: dhanashree.hadsul@fort.ac.in

Classification: **Deliverable**

Status: Valid email, with no high-risk factors detected safe to send mail.

Status code: Success (What's this?)

Validation report

Syntax validation

The address is syntactically valid.

Address (without comments and killing white spaces): dhanashree.hadsul@fort.ac.in

Local part: dhanashree.hadsul

Domain part: fort.ac.in

ASCII domain part: The domain part is not internationalized, no conversion to ASCII is necessary.

Email verification for developers.

Keep bad data from ever entering your system by rejecting invalid addresses in real time.

An elegant and secure HTTPS-based RESTful API, which uses JSON as its primary data interchange format.

Free and open-source SDK's for multiple development platforms make integration a breeze. Input a couple of lines of code and validate email addresses from within your own website or application!

Get started for free

Tracing Result for +919892809062

Phone number is valid ✓

Number is not ported ✓

Phone connected to the network ✓

Number information

🇮🇳

Name: dhanashree hadsul

Country : India

Country code: +91

Telephone Number: +919892809062

ISO 3166-1 alpha-2 code: IN

Telecom Provider: Airtel

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

c. Random People Data:

Data from 10 random people was collected through anonymous surveys, ensuring that no personally identifiable information was disclosed. The collected data was used for analysis purposes only and was not linked back to the individuals.

✓

stacyjohn.12@gmail.com
is **valid and deliverable** email address

Type of Email: **Free**

Role Email: **No**

Disposable Email: **No**

Spam Trap: **No**

Accept All: **No**

Misstyped domain: **Coming soon**

[Learn more about result codes](#)

Close

✓

francis.lobo@gmail.com
is **valid and deliverable** email address

Type of Email: **Free**

Role Email: **No**

Disposable Email: **No**

Spam Trap: **No**

Accept All: **No**

Misstyped domain: **Coming soon**

[Learn more about result codes](#)

Close

✓

sharukh.khan@gmail.com
is **valid and deliverable** email address

Type of Email: **Free**

Role Email: **No**

Disposable Email: **No**

Spam Trap: **No**

Accept All: **No**

Misstyped domain: **Coming soon**

[Learn more about result codes](#)

Close

✓

smantha.ruth@gmail.com
is **valid and deliverable** email address

Type of Email: **Free**

Role Email: **No**

Disposable Email: **No**

Spam Trap: **No**

Accept All: **No**

Misstyped domain: **Coming soon**

[Learn more about result codes](#)

Close



avneet.kaur@gmail.com
is **valid and deliverable** email address

Type of Email	Free	Role Email	No
Disposable Email	No	Spam Trap	No
Accept All	No	Misstyped domain	Coming soon

[Learn more about result codes](#)

Close



dean.ambrose@gmail.com
is **valid and deliverable** email address

Type of Email	Free	Role Email	No
Disposable Email	No	Spam Trap	No
Accept All	No	Misstyped domain	Coming soon

[Learn more about result codes](#)

Close



neevidita@gmail.com
is **valid and deliverable** email address

Type of Email	Free	Role Email	No
Disposable Email	No	Spam Trap	No
Accept All	No	Misstyped domain	Coming soon

[Learn more about result codes](#)

Close



john.ferriera@gmail.com
is **valid and deliverable** email address

Type of Email	Free	Role Email	No
Disposable Email	No	Spam Trap	No
Accept All	No	Misstyped domain	Coming soon

[Learn more about result codes](#)

Close



aakash.patil@gmail.com
is **valid and deliverable** email address

Type of Email	Free	Role Email	No
Disposable Email	No	Spam Trap	No
Accept All	No	Misstyped domain	Coming soon

[Learn more about result codes](#)

Close



tony.boy11@gmail.com
is **valid and deliverable** email address

Type of Email	Free	Role Email	No
Disposable Email	No	Spam Trap	No
Accept All	No	Misstyped domain	Coming soon

[Learn more about result codes](#)

Close

Mobile Number:

Tracing Result for +918101929911

Phone number is valid ✓

Number is not ported ✓

Phone connected to the network ✓

Number information

Name:Pui Roy

Country : India

Country code: +91

Telephone Number: +918101929911

ISO 3166-1 alpha-2 code: IN

Telecom Provider: Reliance Jio

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

Tracing Result for +919419360278

Phone number is valid ✓

Number is not ported ✓

Phone connected to the network ✓

Number information

Name:Vinod Bhagat

Country : India

Country code: +91

Telephone Number: +919419360278

ISO 3166-1 alpha-2 code: IN

Telecom Provider: BSNL MOBILE

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

Tracing Result for +918591069034

Phone number is valid ✓

Number is not ported ✓

Phone connected to the network ✓

Number information

Name:Not Found

Country : India

Country code: +91

Telephone Number: +918591069034

ISO 3166-1 alpha-2 code: IN

Telecom Provider: Reliance Jio

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

Tracing Result for +919082776694

Phone number is valid ✓

Number is not ported ✓

Phone connected to the network ✓

Number information

Name:Not Found

Country : India

Country code: +91

Telephone Number: +919082776694

ISO 3166-1 alpha-2 code: IN

Telecom Provider: Reliance Jio

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

Tracing Result for +919419320248

Phone number is valid ✓

Number is not ported ✓

Phone connected to the network ✓

Number information



Country : India

Country code: +91

Telephone Number: +919419320248

ISO 3166-1 alpha-2 code: IN

Telecom Provider: BSNL MOBILE

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

Tracing Result for +918286314002

Phone number is valid ✓

Number is not ported ✓

Phone connected to the network ✓

Number information



Country : India

Country code: +91

Telephone Number: +918286314002

ISO 3166-1 alpha-2 code: IN

Telecom Provider: Aircel

Network Type: FIXED LINE OR MOBILE

TimeZone: Asia/Calcutta

Tracing Result for +919821011659

Phone number is valid ✓

Number is not ported ✓

Phone connected to the network ✓

Number information



Country : India

Country code: +91

Telephone Number: +919821011659

ISO 3166-1 alpha-2 code: IN

Telecom Provider: Airtel

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

Tracing Result for +918169462974

Phone number is valid ✓

Number is not ported ✓

Phone connected to the network ✓

Number information



Country : India

Country code: +91



Telephone Number: +918169462974



ISO 3166-1 alpha-2 code: IN

Telecom Provider: Reliance Jio

Network Type: CDMA / GSM

TimeZone: Asia/Calcutta

Tracing Result for +919222070809	
Phone number is valid	✓
Number is not ported	✓
Phone connected to the network	✓
Number information	
	Name:Not Found
Country : India	
Country code: +91	
Telephone Number: +919222070809	
ISO 3166-1 alpha-2 code: IN	
Telecom Provider: Tata Docomo	
Network Type: CDMA / GSM	
TimeZone: Asia/Calcutta	
	

Tracing Result for +919004163020	
Phone number is valid	✓
Number is not ported	✓
Phone connected to the network	✓
Number information	
	Name:Not Found
Country : India	
Country code: +91	
Telephone Number: +919004163020	
ISO 3166-1 alpha-2 code: IN	
Telecom Provider: Airtel	
Network Type: CDMA / GSM	
TimeZone: Asia/Calcutta	
	

Conclusion:

Collected and verified email and phone number through various website.