

## ASSIGNMENT –1

### Reconnaissance Report on Ecommerce Company (Lalithaa Jewellery pvt ltd)

#### 1. Footprinting through social media:

In this methodology we are able to perform a simple google search on the company name and able to get information like the company's website, new articles and other third party sites were captured from where information can be retrieved.



fig.1.1. Lalithaa jewellery.com website captured

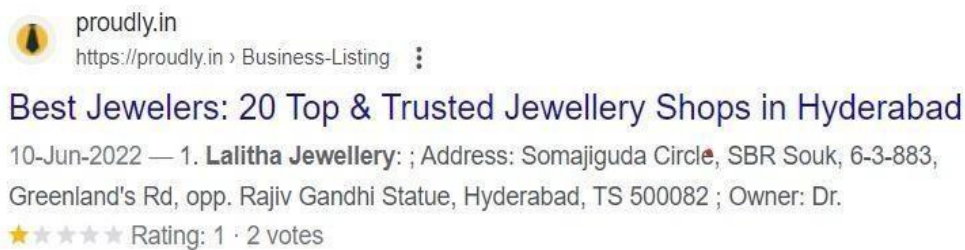


Fig.1.2. Lalithaa jewellery proudly profile

## 2. Reconnaissance on Bussiness info:

In this methodology we can find the business information of the company through some special sites like **TOFLER**.

The screenshot displays the TOFLER website interface. At the top, there are links for Gmail, YouTube, and Maps. The TOFLER logo is prominently displayed on the left. A navigation bar includes a 'Blog' link and several tabs: Overview (highlighted in yellow), Financials, Company Network, Industry, Add Info, and Directors. Below these tabs, there are links for Registered Details, About Company, Financial Highlights, and Directors. On the left side, there is a vertical stack of social media icons for Facebook, X, Reddit, WhatsApp, and LinkedIn. The main content area is titled 'OVERVIEW - LALITHAA JEWELLERY MART PRIVATE LIMITED'. It provides detailed information about the company, including its incorporation date, authorized share capital, operating revenues, EBITDA, and a list of directors. The company's CIN and registered office address are also listed.

**OVERVIEW - LALITHAA JEWELLERY MART PRIVATE LIMITED**

Lalithaa Jewellery Mart Private Limited is an unlisted private company incorporated on 26 November, 1985. It is classified as a private limited company and is located in Chennai, Tamil Nadu. It's authorized share capital is INR 15.00 cr and the total paid-up capital is INR 11.90 cr.

Lalithaa Jewellery Mart's **operating revenues range is Over INR 500 cr** for the financial year ending on 31 March, 2022. It's **EBITDA has decreased by -2.01 %** over the previous year. At the same time, it's book network has increased by 21.60 %. Other performance and liquidity ratios are [available here](#).

**Description:** The company's line of business includes manufacturing jewelry, precious metal.

**Products & Services:** gold and silver bangles, earrings, bracelets, coins, rings, harams, ottiyanams, and other ornaments

**Category:** Manufacturer

The current status of Lalithaa Jewellery Mart Private Limited is - Active.

The last reported AGM (Annual General Meeting) of Lalithaa Jewellery Mart Private Limited, per our records, was held on 30 September, 2022.

Lalithaa Jewellery Mart Private Limited has three directors - [Kiran Hema Kumar Jain](#), [Moolchand Kiran Kumar Jain](#), and [others](#).

The Corporate Identification Number (CIN) of Lalithaa Jewellery Mart Private Limited is U36911TN1985PTC012417. The registered office of Lalithaa Jewellery Mart Private Limited is at 123, Usman Road T.Nagar, NA, , CHENNAI, Tamil Nadu.

Fig 2.1. Over view of Lalithaa jewellery pvt ltd.

With this page we can get complete information of the company. We can see the description, products & services, category, and latest information of the company .

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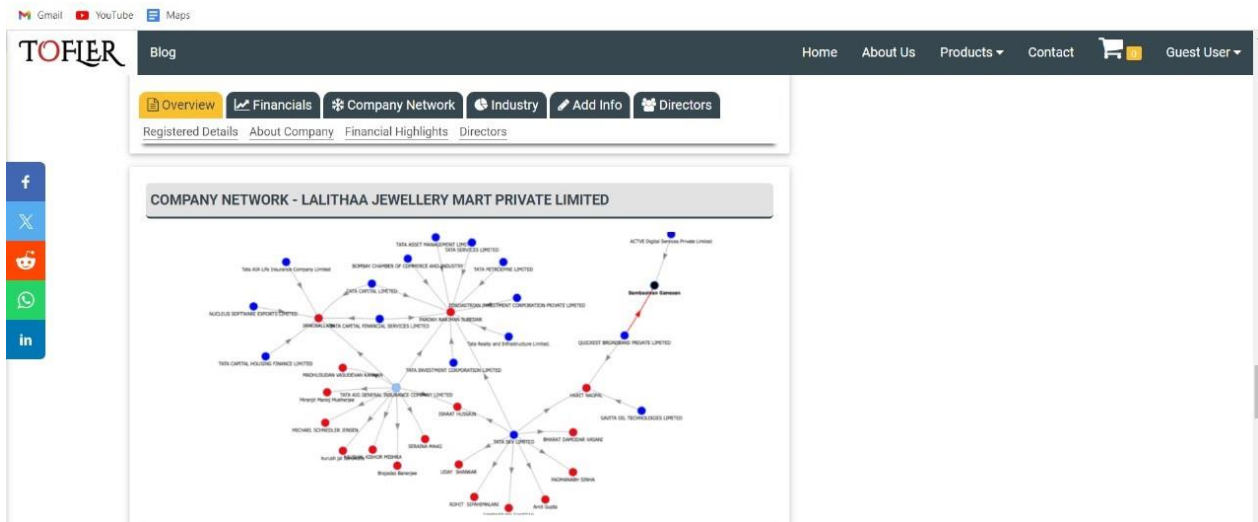


Fig 2.2. company network of Lalithaa jewellery pvt ltd.

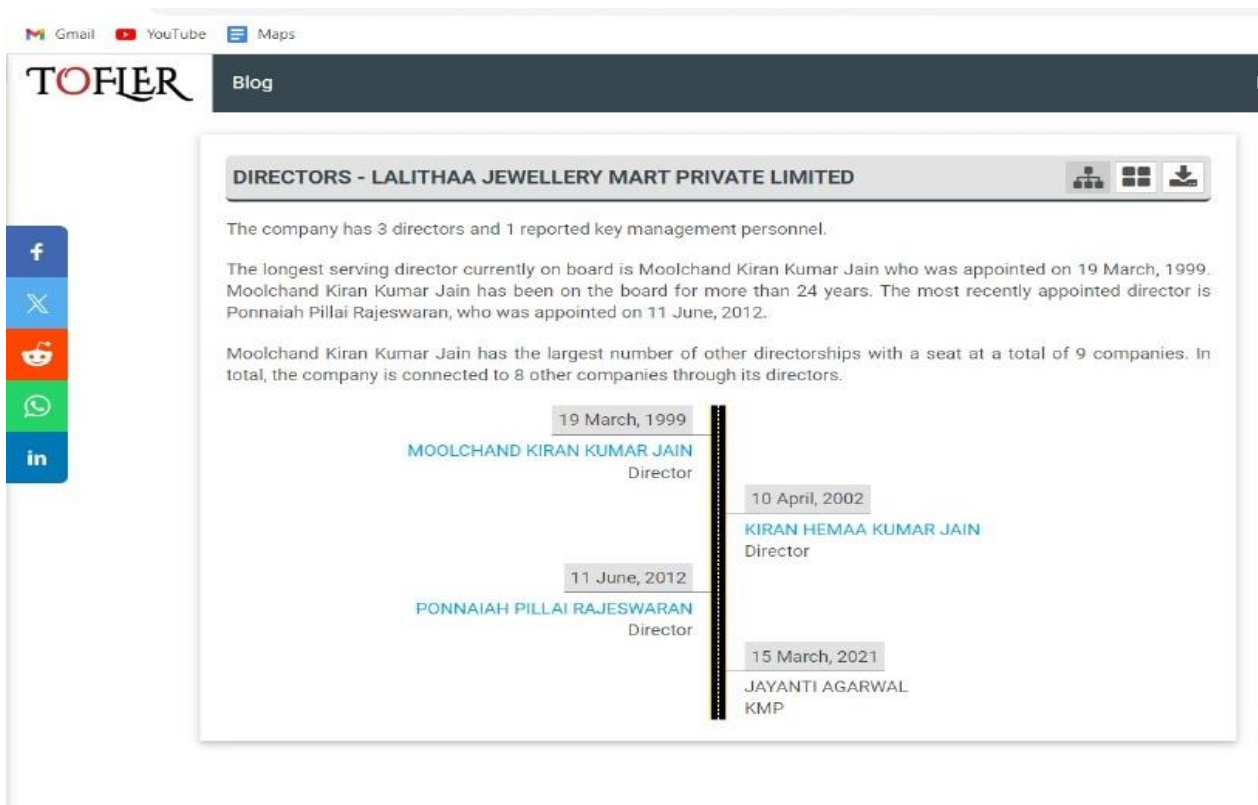
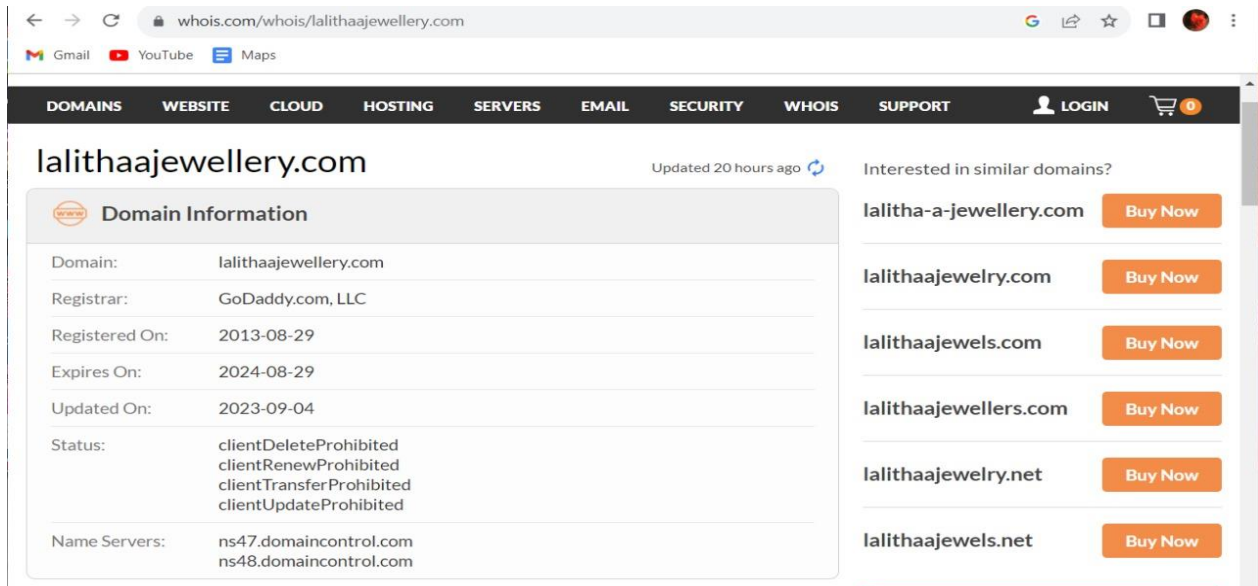


Fig 2.3. Directors/Owners of the company.

### 3. WHOIS look up:

WHOIS databases are maintained by Regional Internet Registries and contain the personal information of domain owners. i.e, it gives us the private information in public domain.



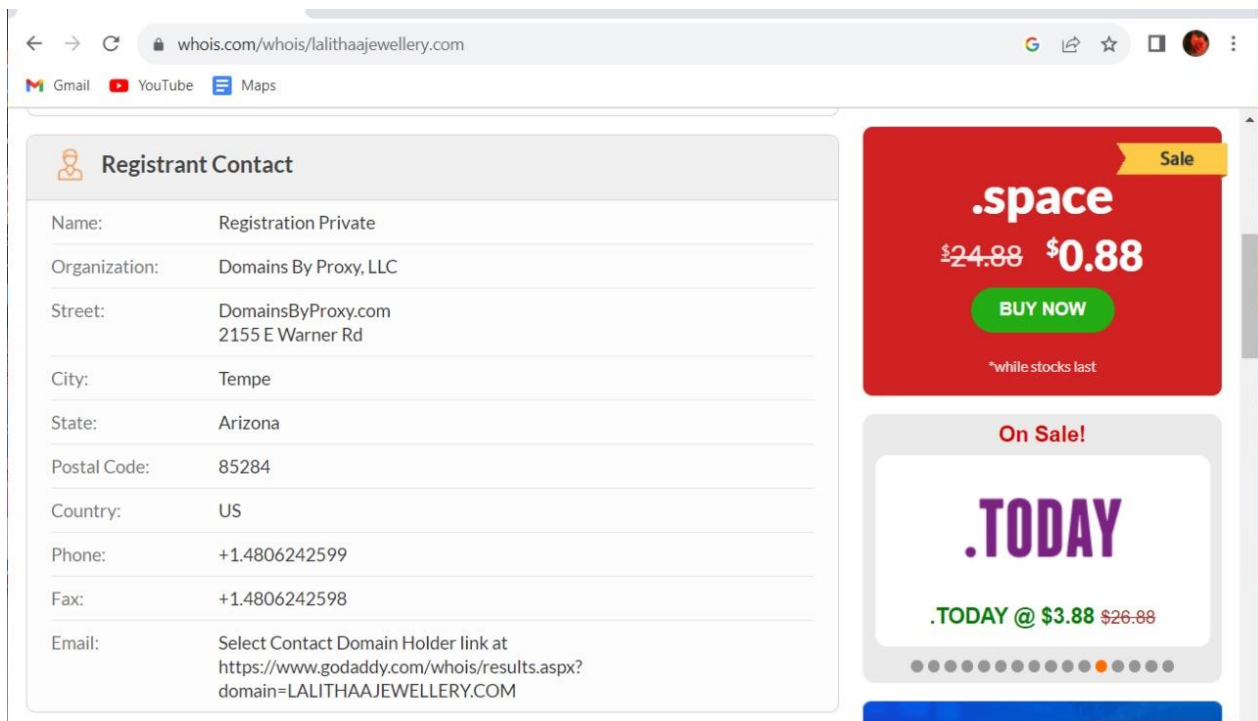
The screenshot shows the WHOIS page for the domain lalithaajewellery.com. The page has a dark navigation bar with links to DOMAINS, WEBSITE, CLOUD, HOSTING, SERVERS, EMAIL, SECURITY, WHOIS, SUPPORT, LOGIN, and a shopping cart icon. The main content area is titled "lalithaajewellery.com" and "Updated 20 hours ago". On the left, under "Domain Information", there is a table with the following details:

Domain:	lalithaajewellery.com
Registrar:	GoDaddy.com, LLC
Registered On:	2013-08-29
Expires On:	2024-08-29
Updated On:	2023-09-04
Status:	clientDeleteProhibited clientRenewProhibited clientTransferProhibited clientUpdateProhibited
Name Servers:	ns47.domaincontrol.com ns48.domaincontrol.com

On the right, under "Interested in similar domains?", there is a list of similar domains with "Buy Now" buttons:

- lalitha-a-jewellery.com
- lalithaajewelry.com
- lalithaajewels.com
- lalithaajewellers.com
- lalithaajewelry.net
- lalithaajewels.net

Fig3.1. Domain Information.



The screenshot shows the WHOIS page for the domain lalithaajewellery.com, specifically the "Registrant Contact" section. The page has the same dark navigation bar as the previous screenshot. The main content area is titled "Registrant Contact" and contains a table with the following details:

Name:	Registration Private
Organization:	Domains By Proxy, LLC
Street:	DomainsByProxy.com 2155 E Warner Rd
City:	Tempe
State:	Arizona
Postal Code:	85284
Country:	US
Phone:	+1.4806242599
Fax:	+1.4806242598
Email:	Select Contact Domain Holder link at <a href="https://www.godaddy.com/whois/results.aspx?domain=LALITHAAJEWELLERY.COM">https://www.godaddy.com/whois/results.aspx?domain=LALITHAAJEWELLERY.COM</a>

On the right, there are two promotional banners. The top one is for ".space" domains, showing a sale from \$24.88 to \$0.88 with a "BUY NOW" button. The bottom one is for ".TODAY" domains, showing a sale from \$26.88 to \$3.88.

Fig.3.2. Registrant Contact.

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The screenshot shows the 'Administrative Contact' section for the domain lalithaajewellery.com. The contact information is as follows:

Administrative Contact	
Name:	Registration Private
Organization:	Domains By Proxy, LLC
Street:	DomainsByProxy.com 2155 E Warner Rd
City:	Tempe
State:	Arizona
Postal Code:	85284
Country:	US
Phone:	+1.4806242599
Fax:	+1.4806242598
Email:	Select Contact Domain Holder link at <a href="https://www.godaddy.com/whois/results.aspx?domain=LALITHAAJEWELLERY.COM">https://www.godaddy.com/whois/results.aspx?domain=LALITHAAJEWELLERY.COM</a>

On the right side of the page, there is a blue advertisement for 'WORDPRESS HOSTING' at '\$3.58 /mo' with a 'VIEW MORE' button.

Fig3.3. Administrative Contact.

The screenshot shows the 'Technical Contact' section for the domain lalithaajewellery.com. The contact information is as follows:

Technical Contact	
Name:	Registration Private
Organization:	Domains By Proxy, LLC
Street:	DomainsByProxy.com 2155 E Warner Rd
City:	Tempe
State:	Arizona
Postal Code:	85284
Country:	US
Phone:	+1.4806242599
Fax:	+1.4806242598
Email:	Select Contact Domain Holder link at <a href="https://www.godaddy.com/whois/results.aspx?domain=LALITHAAJEWELLERY.COM">https://www.godaddy.com/whois/results.aspx?domain=LALITHAAJEWELLERY.COM</a>

Contact.

Fig3.4. Technical



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Raw Whois Data

Domain Name: LALITHAAJEWELLERY.COM  
Registry Domain ID: 1824135231\_DOMAIN\_COM-VRSN  
Registrar WHOIS Server: whois.godaddy.com  
Registrar URL: <https://www.godaddy.com>  
Updated Date: 2023-09-03T23:24:56Z  
Creation Date: 2013-08-29T02:27:02Z  
Registrar Registration Expiration Date: 2024-08-29T02:27:02Z  
Registrar: GoDaddy.com, LLC  
Registrar IANA ID: 146  
Registrar Abuse Contact Email: [abuse@godaddy.com](mailto:abuse@godaddy.com)  
Registrar Abuse Contact Phone: +1.4806242505  
Domain Status: clientTransferProhibited <https://icann.org/epp#clientTransferProhibited>  
Domain Status: clientUpdateProhibited <https://icann.org/epp#clientUpdateProhibited>  
Domain Status: clientRenewProhibited <https://icann.org/epp#clientRenewProhibited>  
Domain Status: clientDeleteProhibited <https://icann.org/epp#clientDeleteProhibited>  
Registry Registrant ID: Not Available From Registry  
Registrant Name: Registration Private  
Registrant Organization: Domains By Proxy, LLC  
Registrant Street: DomainsByProxy.com  
Registrant Street: 2155 E Warner Rd  
Registrant City: Tempe  
Registrant State/Province: Arizona  
Registrant Postal Code: 85284  
Registrant Country: US  
Registrant Phone: +1.4806242599  
Registrant Phone Ext:  
Registrant Fax: +1.4806242598  
Registrant Fax Ext:  
Registrant Email: Select Contact Domain Holder link at <https://www.godaddy.com/whois/res>  
Registry Admin ID: Not Available From Registry  
Admin Name: Registration Private  
Admin Organization: Domains By Proxy, LLC  
Admin Street: DomainsByProxy.com  
Admin Street: 2155 E Warner Rd  
Admin City: Tempe  
Admin State/Province: Arizona  
Admin Postal Code: 85284

Admin Phone: +1.4806242599  
Admin Phone Ext:  
Admin Fax: +1.4806242598  
Admin Fax Ext:  
Admin Email: Select Contact Domain Holder link at <https://www.godaddy.com/whois/res>  
Registry Tech ID: Not Available From Registry  
Tech Name: Registration Private  
Tech Organization: Domains By Proxy, LLC  
Tech Street: DomainsByProxy.com  
Tech Street: 2155 E Warner Rd  
Tech City: Tempe  
Tech State/Province: Arizona  
Tech Postal Code: 85284  
Tech Country: US  
Tech Phone: +1.4806242599  
Tech Phone Ext:  
Tech Fax: +1.4806242598  
Tech Fax Ext:  
Tech Email: Select Contact Domain Holder link at <https://www.godaddy.com/whois/resu>  
Name Server: NS47.DOMAINCONTROL.COM  
Name Server: NS48.DOMAINCONTROL.COM  
DNSSEC: unsigned  
URL of the ICANN WHOIS Data Problem Reporting System: <http://wdprs.internic.net/>  
>>> Last update of WHOIS database: 2023-09-17T15:37:48Z <<<  
For more information on Whois status codes, please visit <https://icann.org/epp>

TERMS OF USE: The data contained in this registrar's Whois database, while believed registrar to be reliable, is provided "as is" with no guarantee or warranties regarding accuracy. This information is provided for the sole purpose of assisting you in obtaining information about domain name registration records. Any use of this data for any other purpose is expressly forbidden without the prior written permission of this registrar. By submitting an inquiry, you agree to these terms and limitations of warranty. In particular, you agree not to use this data to allow, enable, or otherwise support the dissemination or collection of data, in part or in its entirety, for any purpose, such as transmission by e-mail, postal mail, facsimile or other means of mass unsolicited, commercial advertising or promotional purposes, including spam. You further agree not to use this data to enable high speed or robotic electronic processes designed to collect or compile this data for any purpose, including mining this data for your own personal or commercial purposes. Failure to comply with these terms may result in termination of access to the Whois database. These terms may be subject to change at any time without notice.

Fig3.5.Raw WHOIS Data.

## 4. Website Footprinting:

Footprinting refers to monitoring and analyzing the target Website organization's website for information. Its main purpose is to check either vulnerability is there or not.

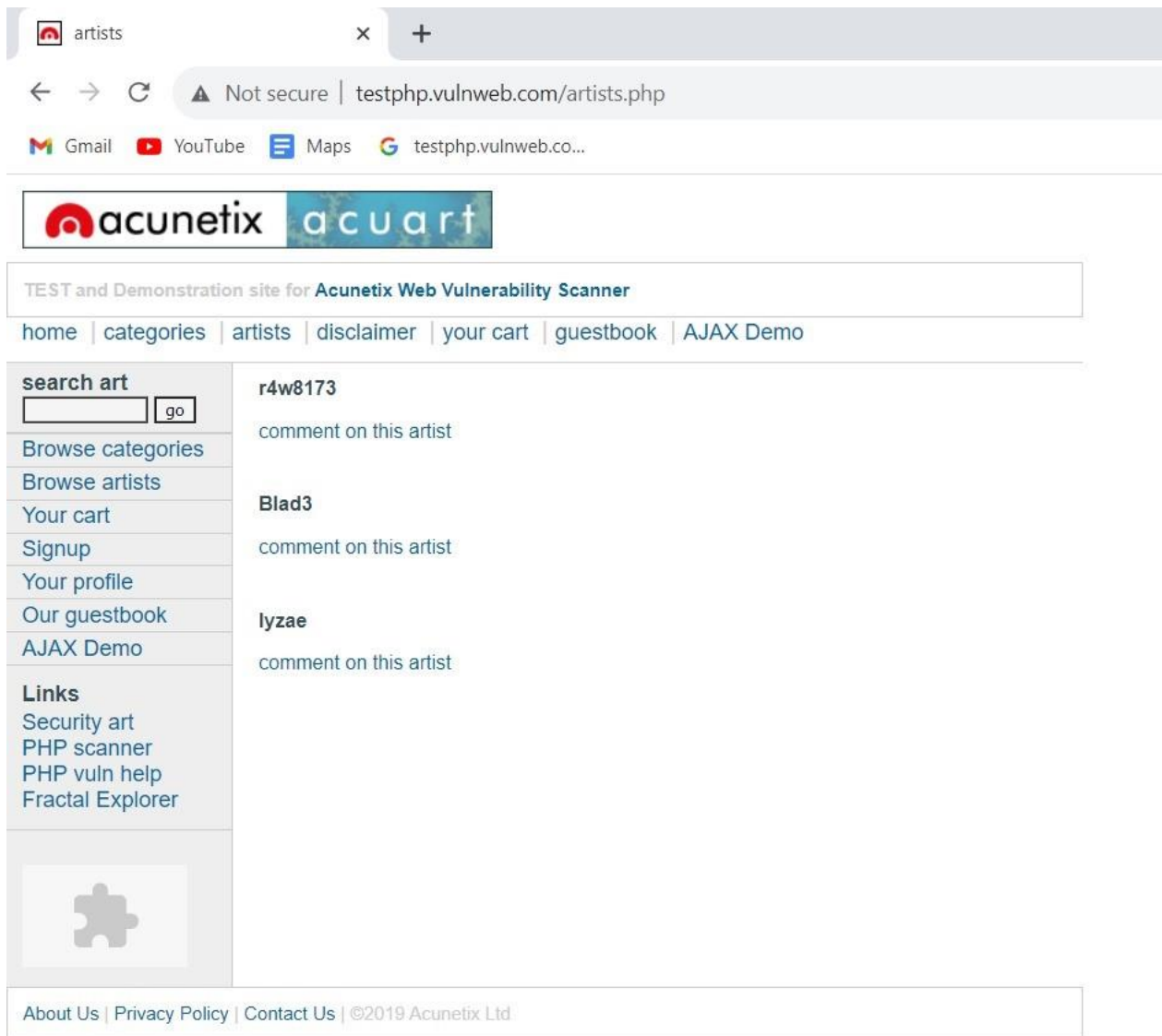


Fig.4.1. Checking the vulnerability.

[Type here]

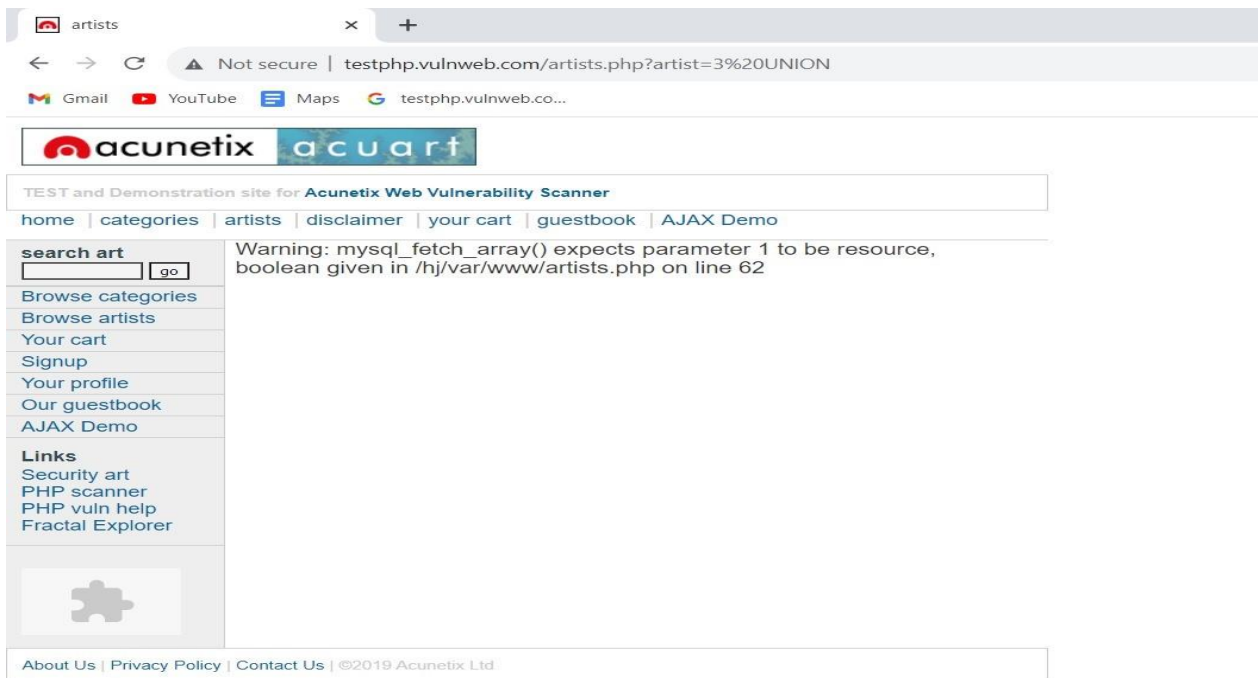


Fig4.2. Acunetix Web Vulnerability Check.



Fig4.3. Checking through SQL.



## 5. Network Footprinting:

The main aim is to find Information about IP address. Network range information assists attackers to create a map of the target network. You can find the range of IP addresses and the subnet mask used by the target organization from Regional Internet Registry.

The screenshot displays the MxToolbox SuperTool interface. The browser address bar shows the URL: `mxtoolbox.com/SuperTool.aspx?action=mx%3alalithaajewellery.com&run=toolpage`. The page features a navigation bar with tabs for SuperTool, MX Lookup, Blacklists, DMARC, Diagnostics, Email Health, DNS Lookup, Analyze Headers, and All Tools. The SuperTool Beta7 section contains a search input field with `lalithaajewellery.com` and an MX Lookup button. Below this, the results for `mx:lalithaajewellery.com` are displayed, including a table of MX records and a table of diagnostic tests.

Pref	Hostname	IP Address	TTL	
0	mail.lalithaajewellery.com	95.216.97.159 Unknown (AS24940)	60 min	Blacklist Check SMTP Test


Test	Result	
✖ DMARC Record Published	No DMARC Record found	<a href="#">More Info</a>
⚠ DMARC Policy Not Enabled	DMARC Quarantine/Reject policy not enabled	<a href="#">More Info</a>
✔ DNS Record Published	DNS Record found	

Reported by **ns48.domaincontrol.com** on 9/19/2023 at 1:16:30 AM (UTC -5), just for you. [Transcript](#)

Fig5.1. MX lookup.

[Type here]

The screenshot shows the 'What is My IP?' tool on the MxToolbox website. The interface includes a navigation bar with links like Pricing, Tools, Delivery Center, Monitoring, Products, Support, and Login. Below the navigation bar, there's a section titled 'What is My IP?' with a table of results:

ReverseDNS	<a href="#">Get ReverseDNS</a>
Proxy	
Blacklist	<a href="#">Get Blacklist Status</a>
Geolocation	<a href="#">Get Geo Location Data</a>
Browser	 <b>Browser</b> Chrome 116
User Agent	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/116.0.0.0 Safari/537.36
IP Numbers	

Below the table, there's a section titled 'ABOUT WHATISMYIP LOOKUP' with a paragraph explaining the tool's functionality.

Fig5.2. IP lookup.

The screenshot shows the 'SuperTool' DNS lookup tool on the MxToolbox website. The interface includes a navigation bar with links like Pricing, Tools, Delivery Center, Monitoring, Products, Support, and Login. Below the navigation bar, there's a section titled 'SuperTool Beta7' with a search bar containing 'lalithaajewellery.com' and a 'DNS Lookup' button. Below the search bar, there's a table of results:

Type	Domain Name	IP Address	TTL
A	<a href="#">lalithaajewellery.com</a>	161.97.95.88 Unknown (AS51167)	10 min

Below the table, there's a section titled 'a:lalithaajewellery.com' with a 'Find Problems' button. Below the 'Find Problems' button, there's a table of results:

Test	Result
✓ DNS Record Published	DNS Record found

Below the table, there's a section titled 'Your DNS hosting provider is "GoDaddy" Need Bulk Dns Provider Data?' with a link to 'Need Bulk Dns Provider Data?'. Below the link, there's a section titled 'Reported by ns48.domaincontrol.com on 9/19/2023 at 1:18:50 AM (UTC -5), just for you.' with a 'Transcript' link.

Fig5.3. DNS lookup.

## 6. Footprinting through Search Engine:

Attackers use search engines to extract information about a target such as technology platforms, employee details, login pages, intranet portals, etc. which helps in performing social engineering and other types of advanced system attacks. Search engine caches and internet archives may also provide sensitive information that has been removed from the World Wide Web (WWW).

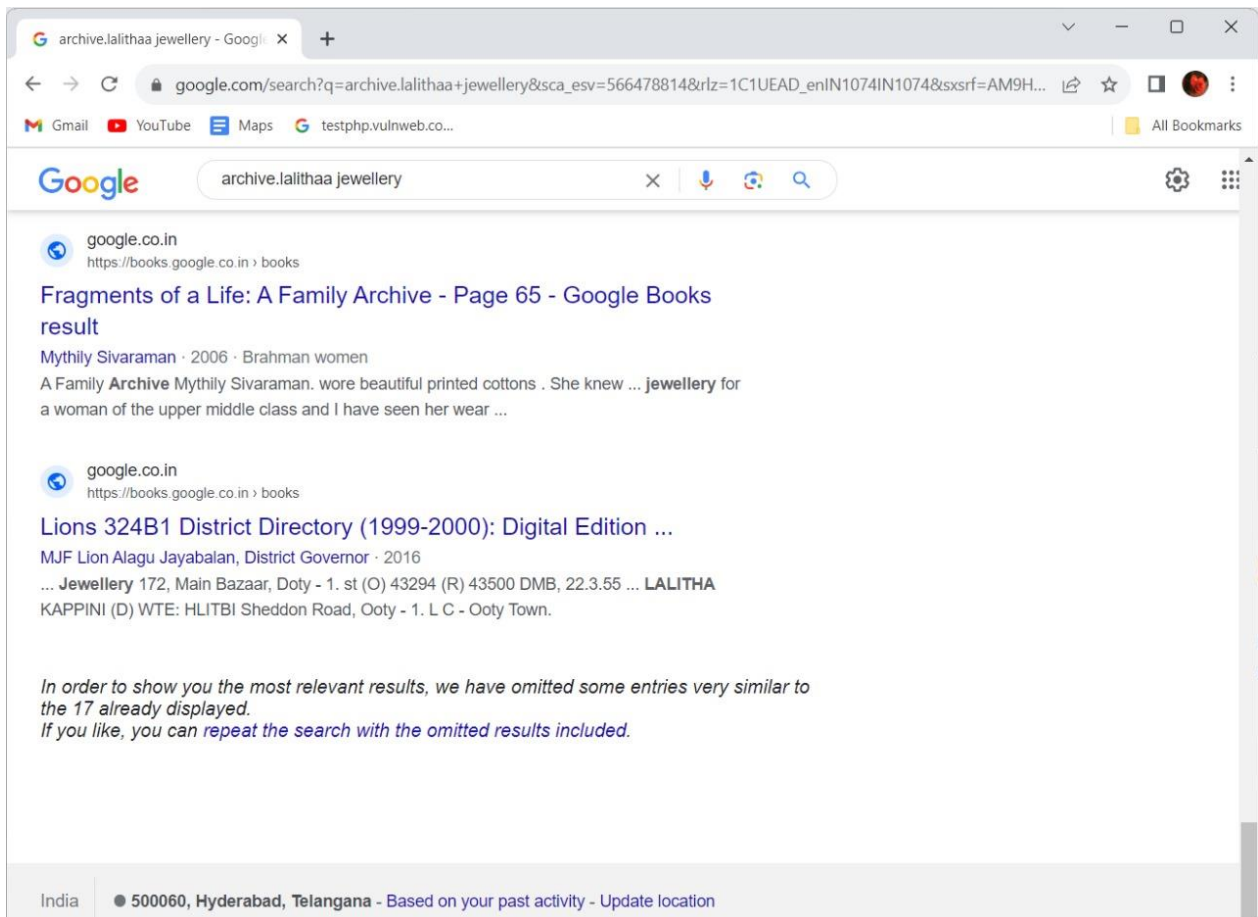


Fig6.1. previous websites of the company.

archive.lalithaa jewellery - Google x +

← → ↻ google.com/search?q=archive.lalithaa+jewellery&sca\_esv=566478814&rlz=1C1UEAD\_enIN1074

Gmail YouTube Maps testphp.vulnweb.co...

Google archive.lalithaa jewellery x 🔊 🌐 🔍

Locations :

Hours ▾

**A** Lalithaa Jewellery Mart (P) Ltd  
13-18-89/A, Archana Complex, Kamala nagar road, 1558, Circle, opp. t...  
Open · Closes 9 pm  
In-store shopping · Delivery Website Directions

**B** Lalithaa Jewellery Mart (P) Ltd  
SBR Souk, Circle, 6-3-883, opp. Rajiv Gandhi Statue · 040 6748 6677  
Open · Closes 9:30 pm  
In-store shopping · Delivery Website Directions

Fig6.2. Locations of the company.

[Type here]

## 7. Reconnaissance through SHODAN:

SHODAN search engine lets you find specific computers (routers, servers, etc.) using a variety of filters. It lets us know the device based information.

The screenshot displays the SHODAN search engine interface. The search query is "country:us 43 org:Amazon Technologies Inc.". The total number of results is 291,599. The interface is divided into several sections:

- TOP CITIES:** A list of cities with their corresponding result counts.

City	Count
Ashburn	149,444
Hilliard	73,266
Boardman	51,191
San Jose	13,082
Seattle	3,117
- TOP PORTS:** A list of ports with their corresponding result counts.

Port	Count
443	109,119
80	95,605
22	59,339
8080	3,373
8443	2,109
- Product Spotlight:** A banner for "Free, Fast IP Lookups for Open Ports and Vulnerabilities using InternetDB".
- Search Results:** Two detailed results are shown, each including an IP address, domain, organization, and SSL certificate information.

**Result 1:** IP: 52.216.50.169, Domain: s3-1-w.amazonaws.com, Organization: Amazon Technologies Inc., United States, Ashburn. SSL Certificate: Issued By: Amazon RSA 2048 M01, Issued To: \*.s3.amazonaws.com, Supported SSL Versions: TLSv1, TLSv1.1, TLSv1.2.

**Result 2:** IP: 18.216.238.131, Domain: ec2-18-216-238-131.us-east-2.compute.amazonaws.com, Organization: Amazon Technologies Inc., United States, Hilliard. SSL Certificate: Issued By: Amazon RSA 2048 M01, Issued To: \*.ec2.amazonaws.com, Supported SSL Versions: TLSv1, TLSv1.1, TLSv1.2.

Fig 7.1. search through SHODAN.



[Type here]

## 8. Footprinting using Google:

Use Google Advanced Search option to find sites that may link back to the target company's website. This may extract information such as partners, vendors, clients, and other affiliations for target website. With Google Advanced Search option, you can search web more precisely and accurately.

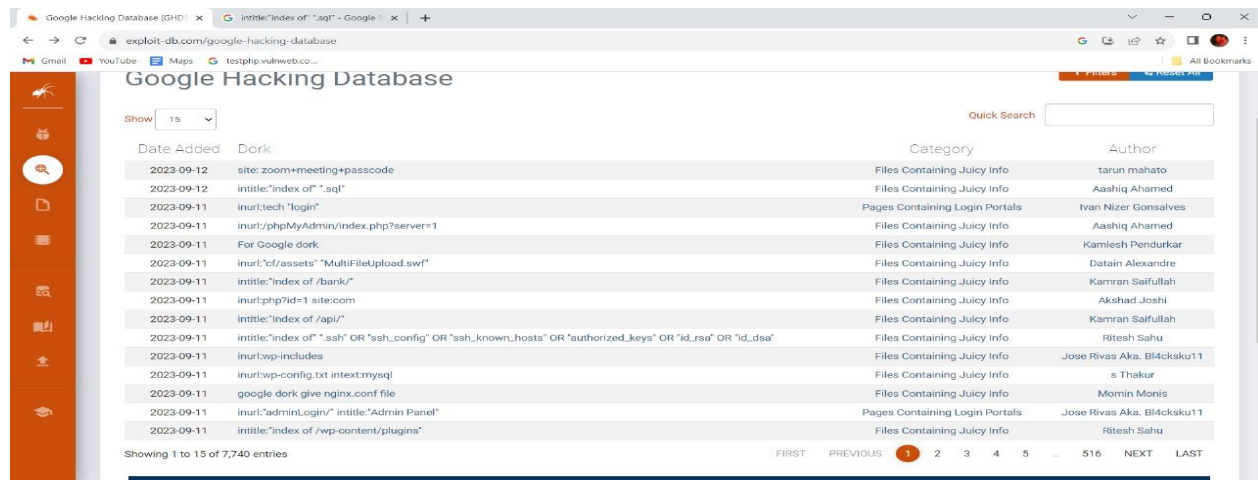


Fig8.1. search through GHDB.

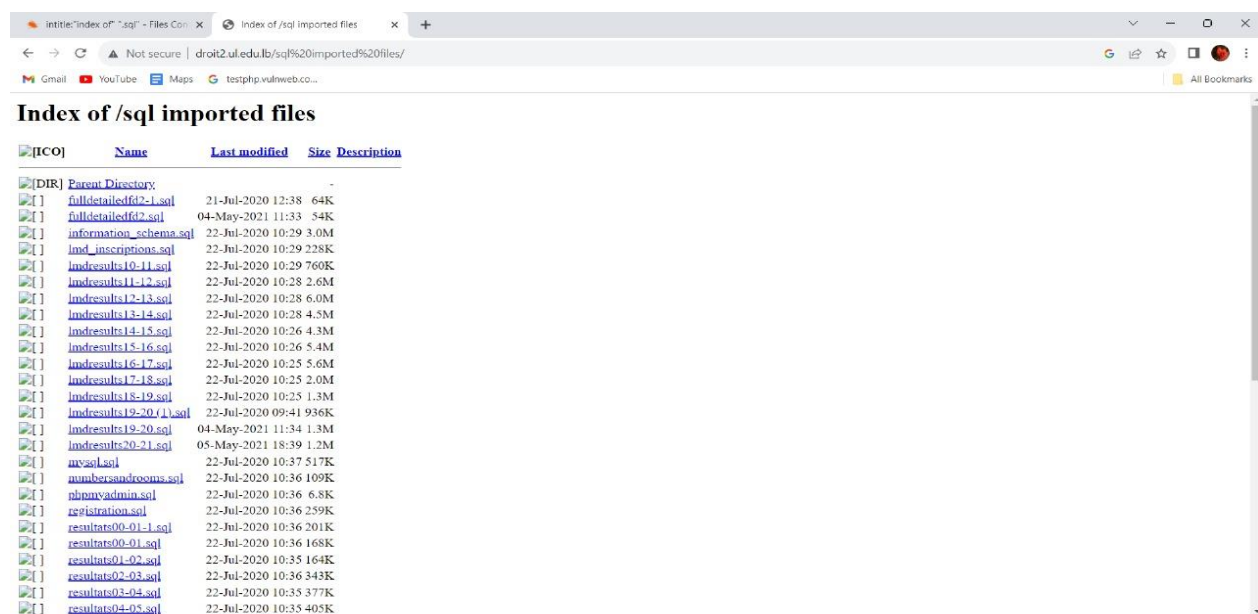


Fig8.2. Juicy information of the search.