Module 1

(1). Please break down the URLs listed below.

(list-out Protocol, Domain, TLD) .

<https://www.flipkart.com/>

https:// - Protocol (HyperText Transfer) www - Subdomain

Flipkart - domain (name)

Com - Top level domain(TLD)

<https://www.irctc.co.in/>

https:// - Protocol (HyperText Transfer) www - Subdomain irctc - domain (name) co.in- Top level domain(TLD)

https://www.allegro.pl/

https:// - Protocol (HyperText Transfer) www - Subdomain allegro - domain (name) pl - Top level domain(TLD) https://www.johnlewispartnership.co.uk/

https:// - Protocol (HyperText Transfer) www - Subdomain johnlewispartnership - domain (name) co.uk/ - Top level domain(TLD)

https://www.uidai.gov.in/

https:// - Protocol (HyperText Transfer) www - Subdomain uidai.gov - domain name

.in/ - Top level domain(TLD)

(2). What is HTTPS/SSL Update?

**HTTPS/SSL Update** refers to changes or improvements made to the security protocols that protect data exchanged between your browser and a website. Here's a breakdown of what it typically involves:

**What Is HTTPS/SSL?**

* **HTTPS (HyperText Transfer Protocol Secure)** is the secure version of HTTP, using SSL/TLS to encrypt communication.
* **SSL (Secure Sockets Layer)** and its successor

**TLS (Transport Layer Security)** are

cryptographic protocols that ensure data privacy and integrity.

🔄 **What Does an SSL Update Mean?**

An SSL update can refer to:

* **Renewing an SSL certificate** before it expires to maintain secure connections.
* **Upgrading to newer versions of TLS**, like moving from TLS 1.2 to TLS 1.3 for better performance and security.
* **Replacing outdated or compromised certificates** to prevent browser warnings and security risks.

(3). List out 10 famous browsers used worldwide.

Here's a list of **10 widely used web browsers** around the world, based on popularity and market share:

1. **Google Chrome** – Dominates globally with speed, simplicity, and seamless integration with Google services.
2. **Apple Safari** – The default browser for macOS and iOS, known for privacy and energy efficiency.
3. **Microsoft Edge** – Built on Chromium, it offers strong Windows integration and shopping tools.
4. **Mozilla Firefox** – Open-source and privacy-focused, popular among users who value customization.
5. **Opera** – Lightweight with built-in VPN, ad blocker, and social media integrations.
6. **Samsung Internet** – Optimized for Samsung devices, offering smooth mobile browsing.
7. **UC Browser** – Known for fast downloads and data-saving features, especially popular in Asia.
8. **Brave** – Blocks ads and trackers by default, with a focus on privacy and speed.
9. **Vivaldi** – Highly customizable with advanced tab management and productivity tools.
10. **Tor Browser** – Prioritizes anonymity and security by routing traffic through the Tor network.

(4).Create a Customer Persona & identify Brand Details for the given brands.

https://docs.google.com/spreadsheets/d/1vnxLC-0FkeXDVrL\_Cwx0JNGwI8y6aHL1ss521Qgftno/edit?gid=62875408#gid=62875408