**About Dataset**

*Description:*  
This dataset comprises a comprehensive collection of features extracted from URLs, designed to facilitate the detection and analysis of phishing domains. With a diverse range of variables capturing various aspects of URL structure and characteristics, the dataset offers valuable insights into attributes commonly associated with phishing activities. From quantities of symbols and characters within URLs to domain and directory properties, as well as parameters and server-related information, this dataset provides a rich resource for researchers and analysts to explore and develop models for identifying potential phishing attempts. Additionally, it includes indicators such as email presence, time responses, domain registration details, and SSL certificate status, offering a holistic view of factors relevant to phishing detection. The dataset is particularly useful for researchers, data scientists, and cybersecurity professionals interested in studying and mitigating the risks posed by phishing attacks.

**Explanation for each variable:**

* qty\_dot\_url: Quantity of dots in the URL.
* qty\_hyphen\_url: Quantity of hyphens in the URL.
* qty\_underline\_url: Quantity of underscores in the URL.
* qty\_slash\_url: Quantity of slashes in the URL.
* qty\_questionmark\_url: Quantity of question marks in the URL.
* qty\_equal\_url: Quantity of equal signs in the URL.
* qty\_at\_url: Quantity of "@" symbols in the URL.
* qty\_and\_url: Quantity of "&" symbols in the URL.
* qty\_exclamation\_url: Quantity of exclamation marks in the URL.
* qty\_space\_url: Quantity of spaces in the URL.
* qty\_tilde\_url: Quantity of tildes in the URL.
* qty\_comma\_url: Quantity of commas in the URL.
* qty\_plus\_url: Quantity of plus signs in the URL.
* qty\_asterisk\_url: Quantity of asterisks in the URL.
* qty\_hashtag\_url: Quantity of hashtags in the URL.
* qty\_dollar\_url: Quantity of dollar signs in the URL.
* qty\_percent\_url: Quantity of percent signs in the URL.
* qty\_tld\_url: Quantity of top-level domains in the URL.
* length\_url: Length of the URL.
* qty\_dot\_domain: Quantity of dots in the domain.
* qty\_hyphen\_domain: Quantity of hyphens in the domain.
* qty\_underline\_domain: Quantity of underscores in the domain.
* qty\_slash\_domain: Quantity of slashes in the domain.
* qty\_questionmark\_domain: Quantity of question marks in the domain.
* qty\_equal\_domain: Quantity of equal signs in the domain.
* qty\_at\_domain: Quantity of "@" symbols in the domain.
* qty\_and\_domain: Quantity of "&" symbols in the domain.
* qty\_exclamation\_domain: Quantity of exclamation marks in the domain.
* qty\_space\_domain: Quantity of spaces in the domain.
* qty\_tilde\_domain: Quantity of tildes in the domain.
* qty\_comma\_domain: Quantity of commas in the domain.
* qty\_plus\_domain: Quantity of plus signs in the domain.
* qty\_asterisk\_domain: Quantity of asterisks in the domain.
* qty\_hashtag\_domain: Quantity of hashtags in the domain.
* qty\_dollar\_domain: Quantity of dollar signs in the domain.
* qty\_percent\_domain: Quantity of percent signs in the domain.
* qty\_vowels\_domain: Quantity of vowels in the domain.
* domain\_length: Length of the domain.
* domain\_in\_ip: Domain in IP.
* server\_client\_domain: Server client in domain.
* qty\_dot\_directory: Quantity of dots in the directory.
* qty\_hyphen\_directory: Quantity of hyphens in the directory.
* qty\_underline\_directory: Quantity of underscores in the directory.
* qty\_slash\_directory: Quantity of slashes in the directory.
* qty\_questionmark\_directory: Quantity of question marks in the directory.
* qty\_equal\_directory: Quantity of equal signs in the directory.
* qty\_at\_directory: Quantity of "@" symbols in the directory.
* qty\_and\_directory: Quantity of "&" symbols in the directory.
* qty\_exclamation\_directory: Quantity of exclamation marks in the directory.
* qty\_space\_directory: Quantity of spaces in the directory.
* qty\_tilde\_directory: Quantity of tildes in the directory.
* qty\_comma\_directory: Quantity of commas in the directory.
* qty\_plus\_directory: Quantity of plus signs in the directory.
* qty\_asterisk\_directory: Quantity of asterisks in the directory.
* qty\_hashtag\_directory: Quantity of hashtags in the directory.
* qty\_dollar\_directory: Quantity of dollar signs in the directory.
* qty\_percent\_directory: Quantity of percent signs in the directory.
* directory\_length: Length of the directory.
* qty\_dot\_file: Quantity of dots in the file.
* qty\_hyphen\_file: Quantity of hyphens in the file.
* qty\_underline\_file: Quantity of underscores in the file.
* qty\_slash\_file: Quantity of slashes in the file.
* qty\_questionmark\_file: Quantity of question marks in the file.
* qty\_equal\_file: Quantity of equal signs in the file.
* qty\_at\_file: Quantity of "@" symbols in the file.
* qty\_and\_file: Quantity of "&" symbols in the file.
* qty\_exclamation\_file: Quantity of exclamation marks in the file.
* qty\_space\_file: Quantity of spaces in the file.
* qty\_tilde\_file: Quantity of tildes in the file.
* qty\_comma\_file: Quantity of commas in the file.
* qty\_plus\_file: Quantity of plus signs in the file.
* qty\_asterisk\_file: Quantity of asterisks in the file.
* qty\_hashtag\_file: Quantity of hashtags in the file.
* qty\_dollar\_file: Quantity of dollar signs in the file.
* qty\_percent\_file: Quantity of percent signs in the file.
* file\_length: Length of the file.
* qty\_dot\_params: Quantity of dots in the parameters.
* qty\_hyphen\_params: Quantity of hyphens in the parameters.
* qty\_underline\_params: Quantity of underscores in the parameters.
* qty\_slash\_params: Quantity of slashes in the parameters.
* qty\_questionmark\_params: Quantity of question marks in the parameters.
* qty\_equal\_params: Quantity of equal signs in the parameters.
* qty\_at\_params: Quantity of "@" symbols in the parameters.
* qty\_and\_params: Quantity of "&" symbols in the parameters.
* qty\_exclamation\_params: Quantity of exclamation marks in the parameters.
* qty\_space\_params: Quantity of spaces in the parameters.
* qty\_tilde\_params: Quantity of tildes in the parameters.
* qty\_comma\_params: Quantity of commas in the parameters.
* qty\_plus\_params: Quantity of plus signs in the parameters.
* qty\_asterisk\_params: Quantity of asterisks in the parameters.
* qty\_hashtag\_params: Quantity of hashtags in the parameters.
* qty\_dollar\_params: Quantity of dollar signs in the parameters.
* qty\_percent\_params: Quantity of percent signs in the parameters.
* params\_length: Length of the parameters.
* tld\_present\_params: Top-level domain present in parameters.
* qty\_params: Quantity of parameters.
* email\_in\_url: Email in URL.
* time\_response: Time response.
* domain\_spf: Domain SPF.
* asn\_ip: ASN IP.
* time\_domain\_activation: Time domain activation.
* time\_domain\_expiration: Time domain expiration.
* qty\_ip\_resolved: Quantity of IP addresses resolved.
* qty\_nameservers: Quantity of name servers.
* qty\_mx\_servers: Quantity of MX servers.
* ttl\_hostname: TTL hostname.
* tls\_ssl\_certificate: TLS SSL certificate.
* qty\_redirects: Quantity of redirects.
* url\_google\_index: URL Google index.
* domain\_google\_index: Domain Google index.
* url\_shortened: URL shortened.
* phishing: Phishing indicator.

Tu variable que vas a controlar de salida es el pishing