Lab 1 – URL Feature Extraction

Objective

Parse URLs and compute features (length, parameters, digits, IP presence, etc.). Run on 20 provided samples and compare.

Inputs

- `../data/urls_synthetic_features.csv` (or generate via script)
- `../enhanced_threat_scanner.py`

Tasks

1. Describe the feature you believe contributes the most to risk. Why?
2. Compute features for 20 random URLs; paste 3 examples and interpret.
3. Propose one potential evasion and a new feature to catch it.