

DATE: 17 JULY 2025

DAY: THURSDAY

DAY 20 – URL & Domain Analysis Module

LEARNING OBJECTIVES:-

- Evaluate URLs found in emails.
- Perform reputation checks using WHOIS & DNS.

Overview:-

Day 20 introduced URL analysis as part of phishing detection. The system examined domain age, DNS response, and suspicious keywords to detect harmful links.

Activites:-

- Extracted URLs using regex.
- Performed WHOIS lookup and DNS validation.

Insights:-

- Learned that phishing domains are often newly registered.
- Understood how domain metadata helps detection.