

Review Meeting Minutes

09/28/25

Project: Cybersecurity: Profiling Ransomware Attacks via Web Crawling and Textual Analysis

Attendees:

- Elvis Nakamura,
- Pedro Loor,
- Kevin Montenegro,
- Luis Salgado,
- Jordan Arteaga

Start time: 7:30 pm

End time: 8:30 pm

After a show and tell presentation, the implementation of the following user stories was accepted by the product owners: All.

- **User Story: (User Story A)** - Test loading a sample dataset into Python. Check if file encodings, missing values, or text formatting cause issues. Provide a cleaned “sample dataset” for the group to test on.
 - **User Story: (User Story B)** - Draft the preprocessing script in Python. Implement lowercasing, punctuation removal, and tokenization. Save the cleaned output in a simple CSV format.
 - **User Story: (User Story C)** - Write initial regex and keyword lists for detecting ransomware-related features (BTC wallets, TOR domains, key terms). Document these rules in a short feature list.
 - **User Story: (User Story D)** - Draft the first version of classification logic. For example: label a text as ransomware-related if it contains both a Bitcoin wallet and the phrase “your files have been encrypted.”
 - **User Story: (User Story E)** - Draft a Python script that counts the number of texts in the dataset and prints a basic summary (e.g., total docs, avg length). This will evolve into the reporting module.
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- Luis - **User Story A**
 - Pedro - **User Story B**

- Elvis - **User Story C**
- Jordan - **User Story D**
- Kevin - **User Story E**