**Summary**

Summarize the motivation, the proposed general research method, and research question of the to-be-reviewed report.

Using ML & DL to be able to filter malicious websites. Feature Engineering is creating new features from existing ones to improve the model’s performance.

Detecting malicious websites using the URL’s and content.

Combining conventional feature engineering techniques with ML/DL algorithms

There has been an increase in Cyber-attacks due to the increased use of the internet. An example is the manipulation of URLs also called malicious URLs. It has led to the stealing of personal data and economic losses. Several methods have been used to ensure secure internet surfing such as blacklisting feature extraction and machine learning techniques. The problem with using these techniques when used independently from each other is that they may fail to detect newly created or changing URLs. The proposed method in this research is to develop an algorithm based on combining feature engineering with Deep Learning (DL) techniques to detect malicious URLs.

Proposed research method

**General Limitations and Strengths**

Is / Are the research question(s) or statement(s) well formulated? It the scope of the question realistic, that is, is/are the question(s) answerable in a reasonable time?  
Is the proposed research relevant?  
Is the proposed research genuinely novel?

**Strengths and Limitations**

What limitations does the proposed methodology have in term terms of its capacity to answer the stated research questions, or support or weaken the research statement?  
What do you perceive as the strengths of the proposed methodology?

**Overall Quality**

Is the English language of sufficient quality?  
Does the reference list cover the relevant literature adequately? (*answer only, if you know the research area*)  
Are the methods sufficiently documented to allow replication studies?  
Are the statistical methods, if planned, valid?

You may add another section with any comments that do not fall in any of the above categories, but of which you think they could benefit the authors.  
Whenever applicable, use page, section, and paragraph numbers or header names to cross-reference concrete parts of the report.