**Title\*\*\*\*\*\*\***

**\*\*Abstract (200 – 250 words)**

Mentioning introduction, purpose, method, result, and conclusion.

**1. Introduction**

1. What’s the problem?
2. Why is it necessary to solve it by researching (what will be the benefit of doing it)?
3. Why is it difficult to solve the problem?
4. What is the advantage of your approach over what others have done?
5. What are you doing to solve that?

Major contributions within 4/5/6 points.

Very short description about the structure of the paper.

**2. Literature Review (Review some very recent papers)**

1. What the Authors did
2. Methods or Approaches they Used
3. **Research Gaps or Limitations**

**Take papers from Scopus/WOS/SCI/SCIE indexed journals.**

**3. Methodology**

1. Model development pipeline
2. Data Collection, Data Preprocessing, Feature Selection, Model Selection, Model Architecture, Hyperparameter Tuning, Training Procedure etc, with background equations and notation.
3. Algorithms/notations

**4. Results and Discussion/Findings**

1. Experimental setup
2. Performance metrics (accuracy, precision, recall, F1-score, FPR, Cohen’s Kappa, training time, testing time, time/memory complexity, etc) with **cross validation**
3. Visualizations (confusion matrices, ROC curves, precision-recall curves, learning/training-validation curves or other relevant plots)
4. Statistical Analysis (to validate the significance of differences in model performance)
5. **Comparison with Previous Studies (table/figure)**
6. Others if required

**5. Conclusion**

1. Restate your research topic
2. Summarize the main points
3. State the significance or results
4. Conclude your thoughts
5. **Future direction**

**\*\*References (Managing software: Zotero/** **Mendeley)**

**\*\*Appendix (if any)**