Please provide the below content related to the project notebook and report.

1 Project Notebook

Please provide the following regarding the project notebook (**Note**: Python 3.7+/sklearn 0.22.2+/ONNX 1.6+):

- A **Scikit-Learn** based **Pipeline** for training with the provided data in *csv* format - model research/fit development.

- A **ONNX** based **Model** for testing with a runtime session in *onnx* format - model deployment/edge inference.

2 Project Report

Please provide the following regarding the project report (**Note**: Can be inline with the *Project Notebook*):

- Abstract - Research summary, findings, and next steps.

- Overview - Problem statement, relevant literature, proposed methodology.

- Data Processing - Pipeline details, data issues, assumptions/adjustments.

- Data Analysis - Summary statistics, visualization, feature extraction.

- Model Training - Feature engineering, evaluation metrics, model selection.

- Model Validation - Testing results, performance criteria, biases/risks.

- Conclusion - Positive/Negative results, recommendations, caveats/cautions.

- Data Sources - Links, downloads, access information.

- Source Code - Listings, documentation, dependencies (open-source).

- Bibliography - Reference citations (Chicago style - AMS/AIP or ACM/IEEE).