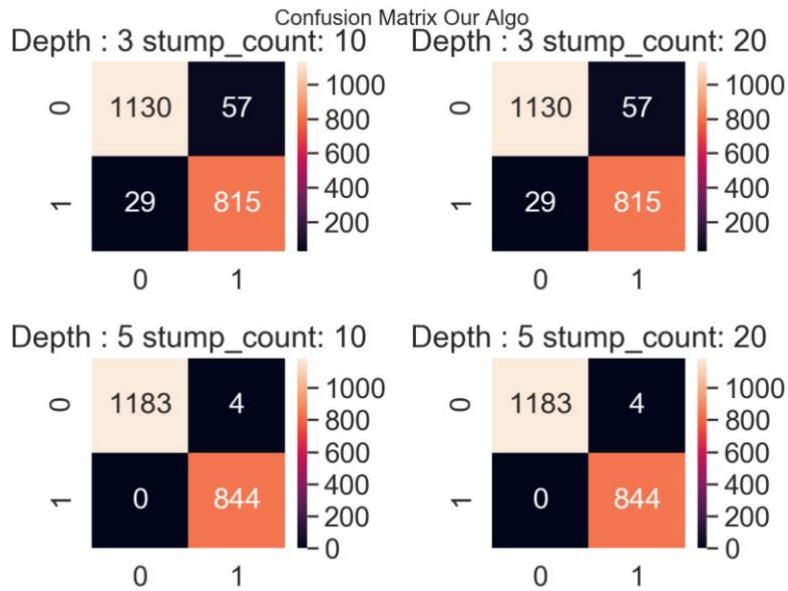
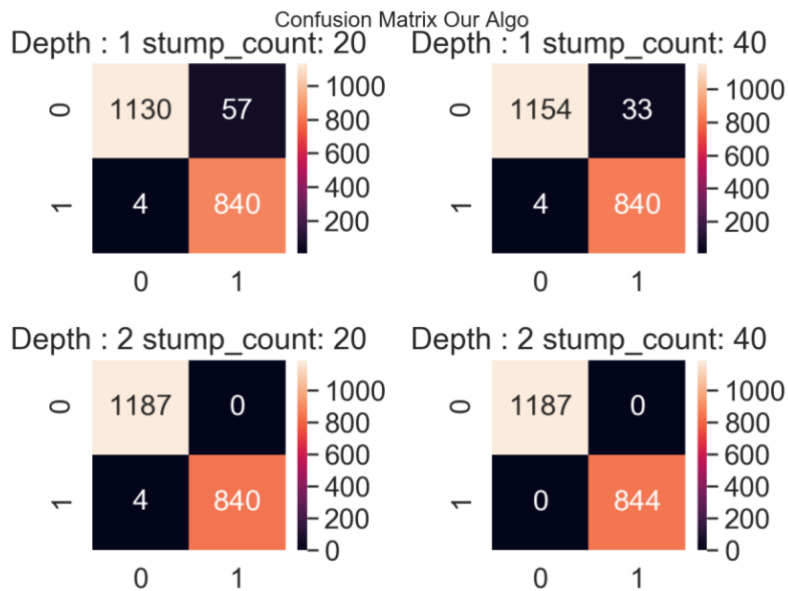


Report

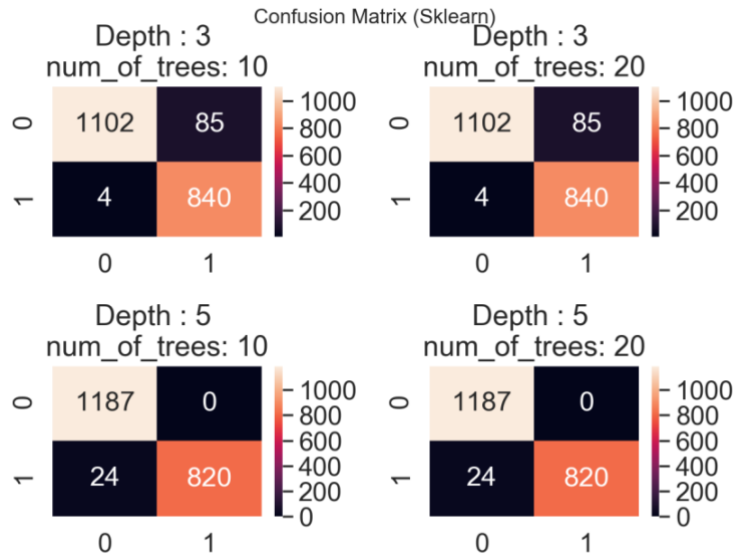
a) Performance of Bagging algorithm.



b) Performance of Boosting algorithm



c) Performance of Scikit-Learn Bagging algorithm



In the case of **Bagging**, both our algorithm and Scikit performed in a similar manner such that only depth of decision tree resulted in a change in accuracy and number of trees had no effect. Accuracy was also comparable, both resulting in 98-99% test accuracy. The only noticeable drawback of our algorithm was that it was slightly slower.

In the case of **Boosting**, both Scikit and our algorithm gave 100% test accuracy in the case of 40 trees of depth 2. Again, our algorithm was slightly slower.

d) Performance of Scikit-Learn Boosting algorithm

