

-->

For decision tree, I have used AUC as my evaluation metric.

-->

The metric has given me a value of 0.5. For the business problem I am dealing with, being perfectly accurate is not a demand.

-->

The resource manager can always intervene and correct the prediction. But since the company is really big, even if a percentage of outputs are correct, by expected value framework, the benefit can be tremendous.

-->

The Rplot for AUC have been attached herewith.

One is when all the attributes had been considered. The second plot is with only the attributes which have maximum weightage.

-----