**Compare the performance of random forests and ensemble models against linear and logistic regression. Which model was the best to use?**

* linear and logistic regression models are best used when the relationship between the input variables and the target variable is linear or when the dataset is small. These models are also easier to interpret.
* Ensemble models like random forests perform better than linear and logistic regression models, when the relationship between the input variables and the target variable is complex.
* Random forests can handle both categorical and continuous data and are not prone to overfitting than single decision trees.
* N/B
* For the best model, one has to compare the model and use the one that is more accurate on this data, using the generated results such as the accuracy, precision, recall, or F1 score of the model.