Comparison of Time & Space Complexity vs Accuracy for ML Models

# INTERPRETION

| Model | Accuracy (%) | Time Complexity | Space Complexity |
|---|---|---|---|
| RFC | 85 | Medium (3/6) | Medium (3/6) |
| SVM | 82 | High (4/6) | Medium (3/6) |
| KNN | 80 | High (4/6) | High (4/6) |
| AdaBoost | 86 | Medium-High (4/6) | Medium-High (4/6) |
| XGBoost | 89 | High (5/6) | High (5/6) |
| Stacking | 91 | Very High (6/6) | Very High (6/6) |
| LogReg | 83 | Low (2/6) | Low (2/6) |
| DT | 78 | Low (2/6) | Low (2/6) |

# TEST CASES

| Input | Output | Result |
|---|---|---|
| **Input** | Tested for different model given by user on the different model. | Success |
| **XG Boosting, Ada Boosting, Stacking Classifiers, Logistic Regression** | Tested for different input given by the user on different models are created using the different algorithm and data. | Success |
| **Prediction** | Prediction will be performed using to build from the algorithm. | Success |

Testing Acccuracy Graph