

Classification Analysis of Mushrooms for California Garden

Six classification models were built to predict whether a mushroom is edible or poisonous, after building classification models, two graphs were constructed to assess the effectiveness of the models, which are a bar chart and a ROC curve. The bar chart compares between the models based on five metrics which are: accuracy, precision, recall, F1 and kappa, and it indicates that XGBoost and decision tree models have the highest scores in all five metrics. The ROC curve illustrates that XGBoost and decision tree models have the best performance.

