CKD_Decision_Tree_classification

```
print(clf_report)
```

	precision	recall	f1-score	support
False	0.86	0.96	0.91	51
True	0.97	0.90	0.94	82
accuracy			0.92	133
macro avg	0.92	0.93	0.92	133
weighted avg	0.93	0.92	0.93	133

CKD_Decission_Tree_Grid_Classification

```python
print("The report:\n",clf_report)
```

```
The report:
              precision    recall  f1-score   support

       False       0.91      1.00      0.95        51
        True       1.00      0.94      0.97        82

    accuracy                           0.96       133
   macro avg       0.96      0.97      0.96       133
weighted avg       0.97      0.96      0.96       133
```

CKD_K_Nearest_Neighbour_Classification_(KNN)

```
print(clf_report)
```

	precision	recall	f1-score	support
False	0.57	0.78	0.66	51
True	0.83	0.63	0.72	82
accuracy			0.69	133
macro avg	0.70	0.71	0.69	133
weighted avg	0.73	0.69	0.70	133

CKD_Logistic_Classification

```
print(clf_report)
```

	precision	recall	f1-score	support
False	0.84	0.92	0.88	51
True	0.95	0.89	0.92	82
accuracy			0.90	133
macro avg	0.89	0.91	0.90	133
weighted avg	0.91	0.90	0.90	133

CKD_Logistic_Grid_Classification

```python
print("The report:\n",clf_report)
```

```
The report:
              precision    recall  f1-score   support

       False       0.98      1.00      0.99        51
        True       1.00      0.99      0.99        82

    accuracy                           0.99       133
   macro avg       0.99      0.99      0.99       133
weighted avg       0.99      0.99      0.99       133
```

CKD_Naive_baye's_classification

```
print(clf_report)
```

	precision	recall	f1-score	support
False	0.68	0.98	0.81	51
True	0.98	0.72	0.83	82
accuracy			0.82	133
macro avg	0.83	0.85	0.82	133
weighted avg	0.87	0.82	0.82	133

CKD_RF_Grid_Classification

```python
print("The report:\n",clf_report)
```

```
The report:
              precision    recall  f1-score   support

       False       0.98      1.00      0.99        51
        True       1.00      0.99      0.99        82

    accuracy                           0.99       133
   macro avg       0.99      0.99      0.99       133
weighted avg       0.99      0.99      0.99       133
```

CKD_Random_Forest_Classification

```
print(clf_report)
```

	precision	recall	f1-score	support
False	0.98	0.98	0.98	51
True	0.99	0.99	0.99	82
accuracy			0.98	133
macro avg	0.98	0.98	0.98	133
weighted avg	0.98	0.98	0.98	133

CKD_SVM_Grid_Classification

```
print("The report:\n",clf_report)
```

```
The report:
              precision    recall  f1-score   support

       False       0.98      1.00      0.99        51
        True       1.00      0.99      0.99        82

    accuracy                           0.99       133
   macro avg       0.99      0.99      0.99       133
weighted avg       0.99      0.99      0.99       133
```

CKD_SVM_kernel_Classification

```
print(clf_report)
```

	precision	recall	f1-score	support
False	0.00	0.00	0.00	51
True	0.62	1.00	0.76	82
accuracy			0.62	133
macro avg	0.31	0.50	0.38	133
weighted avg	0.38	0.62	0.47	133

Model Name	Accuracy	Best Model?
CKD_Decision_Tree_classification	0.92	
CKD_Decission_Tree_Grid_Classification	0.96	
CKD_K_Nearest_Neighbour_Classification_(KNN)	0.69	
CKD_Logistic_Classification	0.90	
CKD_Logistic_Grid_Classification	0.99	Best Model
CKD_Naive_baye's_classification	0.82	
CKD_BernoulliNB_Classification	0.94	
CKD_GaussianNB_Classification	0.98	
CKD_ComplementNB_Classification	0.82	
CKD_RF_Grid_Classification	0.99	Best Model
CKD_Random_Forest_Classification	0.98	
CKD_SVM_Grid_Classification	0.99	Best Model