```
Formmulated method
  0%|              | 0/32 [00:00<?, ?trial/s, best loss=?]
 81%|███████████   | 26/32 [00:13<00:03,  1.84trial/s, best loss: -0.7768492602958816]
```

```
Randomized search:
Fitting 5 folds for each of 10 candidates, totalling 50 fits
Best parameters found:  {'max_depth': 10, 'n_estimators': 42}
accuracy: 0.996742671009772
```

New Item   Add Item

You have no todo items yet! Add one above!

```
PS E:\MLOPs\docker implementetion> docker run bhavkorat/ml-model
Model trained and saved as model.pkl
Prediction for [5.1, 3.5, 1.4, 0.2]: 0
PS E:\MLOPs\docker implementetion> docker pull shreyx124/ml-model
Using default tag: latest
latest: Pulling from shreyx124/ml-model
a480a496ba95: Already exists
a5072a025aa2: Already exists
5cfa0738ac2f: Already exists
2f779fda9095: Already exists
0a2d3d7f8f65: Pull complete
a1a76fb4be46: Pull complete
bc3bc2a73351: Pull complete
ff08d96f41e9: Pull complete
Digest: sha256:7315a636c82fe7a8b3316543f89848f7a9af43e6a1d0294b269847cb4fceded0
Status: Downloaded newer image for shreyx124/ml-model:latest
docker.io/shreyx124/ml-model:latest
```

```
Bayesian Optimization
Fitting 5 folds for each of 1 candidates, totalling 5 fits
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Fitting 5 folds for each of 1 candidates, totalling 5 fits
Fitting 5 folds for each of 1 candidates, totalling 5 fits
Fitting 5 folds for each of 1 candidates, totalling 5 fits
...
Fitting 5 folds for each of 1 candidates, totalling 5 fits
Fitting 5 folds for each of 1 candidates, totalling 5 fits
Best parameters found:  OrderedDict({'max_depth': 15, 'n_estimators': 100})
accuracy: 1.0
```
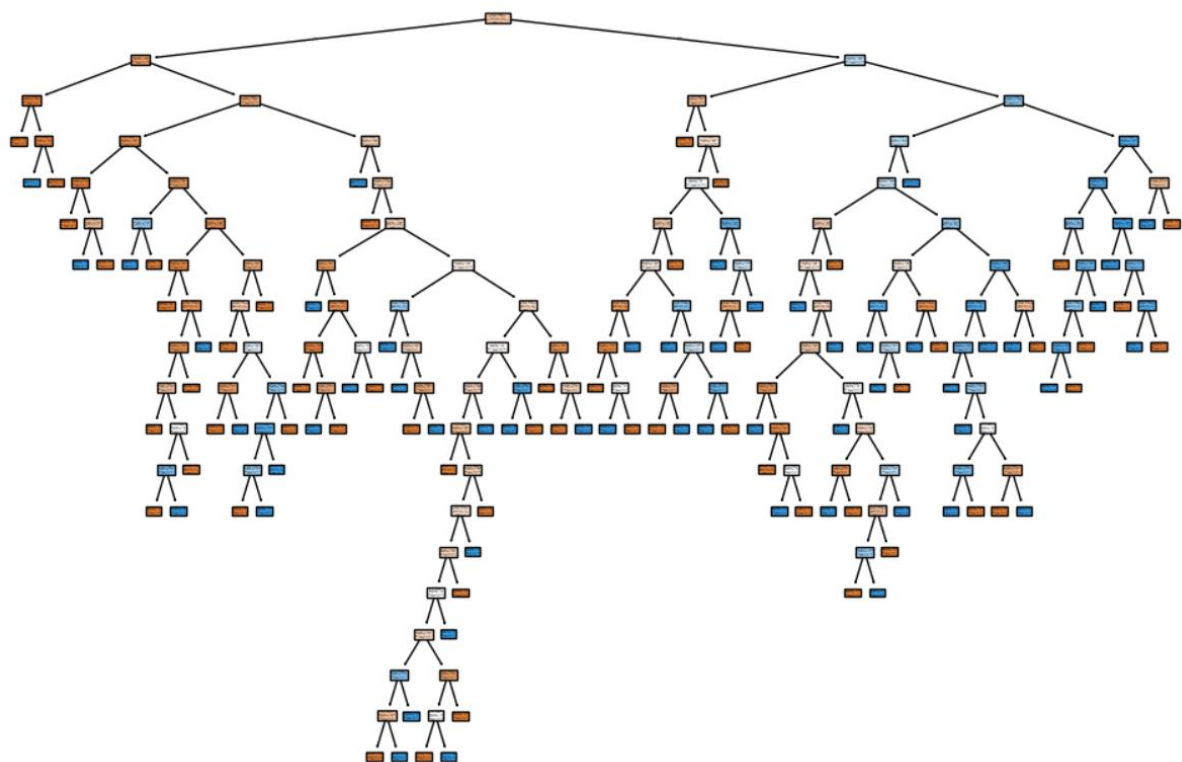
```
Grid search:
Fitting 5 folds for each of 12 candidates, totalling 60 fits
Best parameters found:  {'max_depth': 10, 'n_estimators': 50}
accuracy: 0.996742671009772
```

RandomForestClassifier   ⓘ ❓
RandomForestClassifier(criterion='entropy', n_estimators=20, random_state=0)