

Data Modelling: model--Random Forest:

Best Parameters--

```
{'min_samples_split': 2,  
'max_depth': 100,  
'max_features': 'sqrt',  
'n_estimators': 4342,  
'min_samples_leaf': 1,  
'bootstrap': True}
```

For Hyperparameter Tuning : RandomisedSearchCV

```
n_iter = 100,  
cv = 3,  
verbose=2,  
random_state=42,  
n_jobs = None
```