## PROJECT DEVELOPMENT PHASE

## **DELIVERY OF SPRINT-4**

DATE	10 November 2022
TEAM ID	PNT2022TMID44545
PROJECT NAME	Car Resale Value Prediction
MAXIMUM MARK	4 Marks

## Training the model in IBM Cloud

```
Projects / IBM / Histgradient
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from sklearn.ensemble import HistGradientBoostingRegressor
                          /opt/conda/envs/Python-3.9/lib/python3.9/site-packages/sklearn/experimental/enable_hist_gradient_boosting.py:16: UserWarning: Since version 1.0, it is enable_hist_gradient_boosting anymore. HistGradientBoostingClassifier and HistGradientBoostingRegressor are now stable and can be normally imported from
                             warnings.warn(
        In [18]: from sklearn.model_selection import GridSearchCV
                      hr = HistGradientBoostingRegressor()
                     gs = GridSearchCV(estimator=hr, param_grid=param_grid, cv=2, n_jobs=-1, verbose=1)
gs = gs.fit(X_train, y_train)
print('Score: %.2f' % gs.score(X_test, y_test))
                          Fitting 2 folds for each of 1 candidates, totalling 2 fits
                          /opt/conda/envs/Python-3.9/lib/python3.9/site-packages/sklearn/ensemble/_hist_gradient_boosting/gradient_boosting.py:1302: FutureWarning: The loss 'lecated in v1.0 and will be removed in version 1.2. Use 'squared_error' which is equivalent.

warnings.warn(
/opt/conda/envs/Python-3.9/lib/python3.9/site-packages/sklearn/ensemble/_hist_gradient_boosting/gradient_boosting.py:1302: FutureWarning: The loss 'lecated in v1.0 and will be removed in version 1.2. Use 'squared_error' which is equivalent.
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                          warnings.warn(
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                          warnings.warn(
                          Score: 0.78
```