In [83]:
```
models = [SGDClassifier, DecisionTreeClassifier, RandomForestClassifier, LogisticRegression]
names = ['SGD Classifier', 'Decision Tree Classifier', 'RandomForestClassifier', 'Logistic Regressor']
```

In [84]:
```
from sklearn.metrics import accuracy_score

for i in range(len(models)):
    model = models[i](random_state=42)  # inizializzo il modello qui (non ancora addestrato)
    name = names[i]
    model.fit(X_train_ihm_scaled, y_train_ihm) # qui addestro il modello sui dati
    y_pred_ihm = model.predict(X_train_ihm_scaled)
    print(f'accuracy of {name}: ',accuracy_score(y_pred_ihm, y_train_ihm))
```

```
accuracy of SGD Classifier:  0.9821023072543865
accuracy of Decision Tree Classifier:  0.9998336883447513
accuracy of RandomForestClassifier:  0.9998240934415639
accuracy of Logistic Regressor:  0.9814914317514536
```