IoT Python code for Earthquake Prediction

import pandas as pd

import numpy as np

from sklearn.model\_selection import train\_test\_split

from sklearn.ensemble import RandomForestClassifier

from sklearn.metrics import accuracy\_score

data = pd.read\_csv('earthquake\_data.csv')

x = data.drop('earthquake\_occured',axis=1)

y = data['earthquake\_occured']

x\_train,x\_test,y\_train,y\_test = train\_test\_split(x,y,test\_size=0.2,random\_state=42)

clf = RandomForestClassifier()

clf.fit(x\_train,y\_train)

y\_pred = clf.predict(x\_test)

accuracy = accuracy\_score(y\_test,y\_pred)

print(f"Accuracy:{accuracy}")