ml\_pgm\_3

# Install and set up scikit-learn and other necessary tools.

from sklearn.preprocessing import StandardScaler

from sklearn.preprocessing import MinMaxScaler

from sklearn.preprocessing import RobustScaler

from sklearn.preprocessing import Normalizer

import numpy as np

import pandas as pd

data={"speed":[10,20,30,40,50],"distance":[1000,2000,3000,4000,5000]}

print(data)

df=pd.DataFrame(data)

print(df)

ss=StandardScaler()

x1=ss.fit\_transform(df)

print(x1)

mm=MinMaxScaler()

x2=mm.fit\_transform(df)

print(x2)

rs=RobustScaler()

x3=rs.fit\_transform(df)

print(x3)

n=Normalizer()

x4=n.fit\_transform(df)

print(x4)