import numpy as np
import matplotlib.pyplot as plt
import pandas as pd
from sklearn import linear_model

url = 'https://raw.githubusercontent.com/WildanBudiawanZ/pembelajaran-mesin/main/FuelConsu
cdf = pd.read_csv(url)

cdf

₽		MODELYEAR	MAKE	MODEL	VEHICLECLASS	ENGINESIZE	CYLINDERS	TRANSMISSION
	0	2014	ACURA	ILX	COMPACT	2.0	4	AS5
	1	2014	ACURA	ILX	COMPACT	2.4	4	M6
	2	2014	ACURA	ILX HYBRID	COMPACT	1.5	4	AV7
	3	2014	ACURA	MDX 4WD	SUV - SMALL	3.5	6	AS6
	4	2014	ACURA	RDX AWD	SUV - SMALL	3.5	6	AS6
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	1062	2014	VOLVO	XC60 AWD	SUV - SMALL	3.0	6	AS6
	1063	2014	VOLVO	XC60 AWD	SUV - SMALL	3.2	6	AS6
	1064	2014	VOLVO	XC70	SUV - SMALL	3.0	6	AS6

cdf.describe()

	MODELYEAR	ENGINESIZE	CYLINDERS	FUELCONSUMPTION_CITY	FUELCONSUMPTION_HWY
count	1067.0	1067.000000	1067.000000	1067.000000	1067.000000
mean	2014.0	3.346298	5.794752	13.296532	9.474602
std	0.0	1.415895	1.797447	4.101253	2.794510
min	2014.0	1.000000	3.000000	4.600000	4.900000
25%	2014.0	2.000000	4.000000	10.250000	7.500000
50%	2014.0	3.400000	6.000000	12.600000	8.800000
75%	2014.0	4.300000	8.000000	15.550000	10.850000
max	2014.0	8.400000	12.000000	30.200000	20.500000
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