

Data Exploration Summary

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Shape of data: (100, 4)

Data Types:

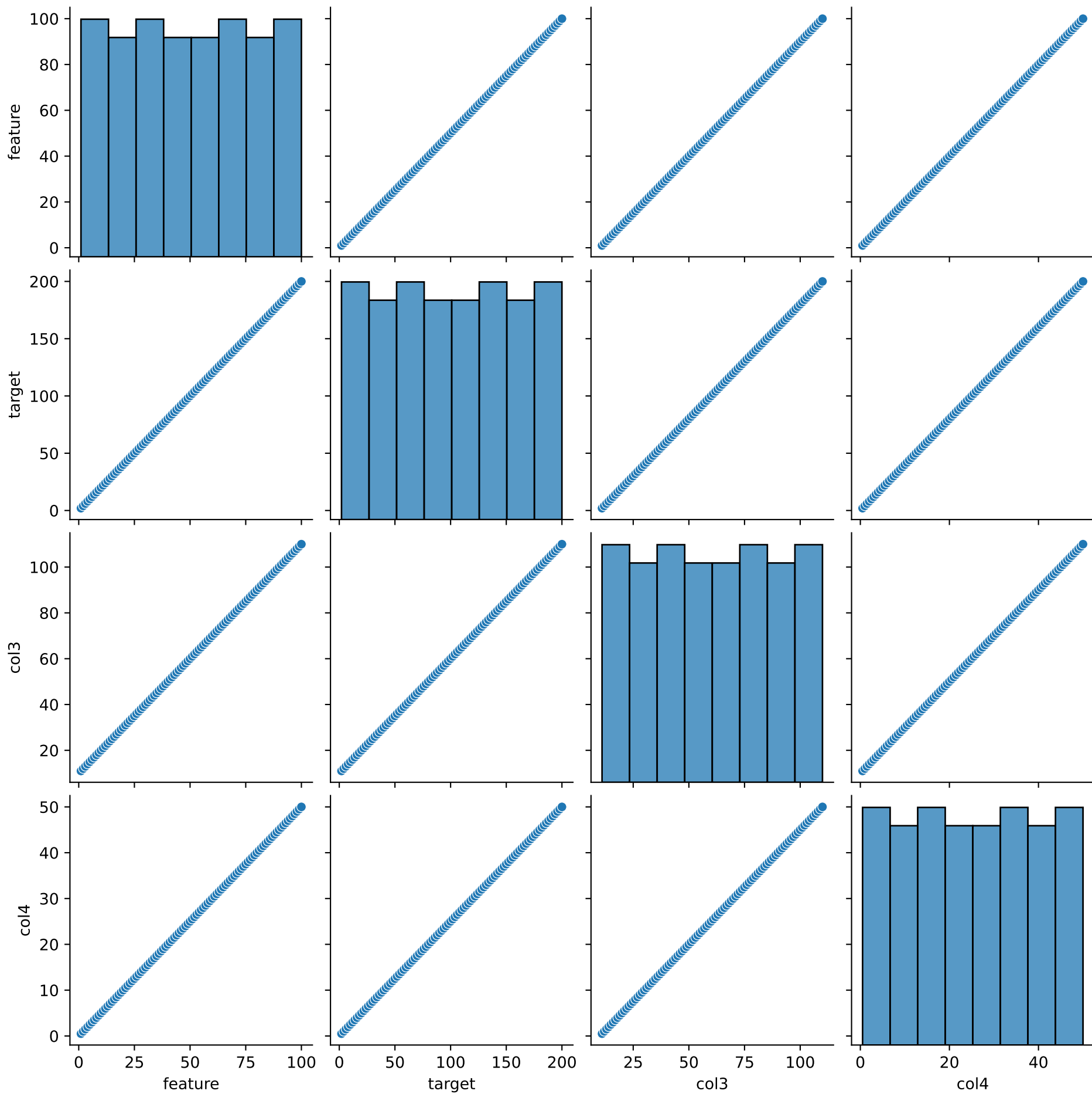
feature int64
target int64
col3 int64
col4 float64
dtype: object

Missing Values per Column:

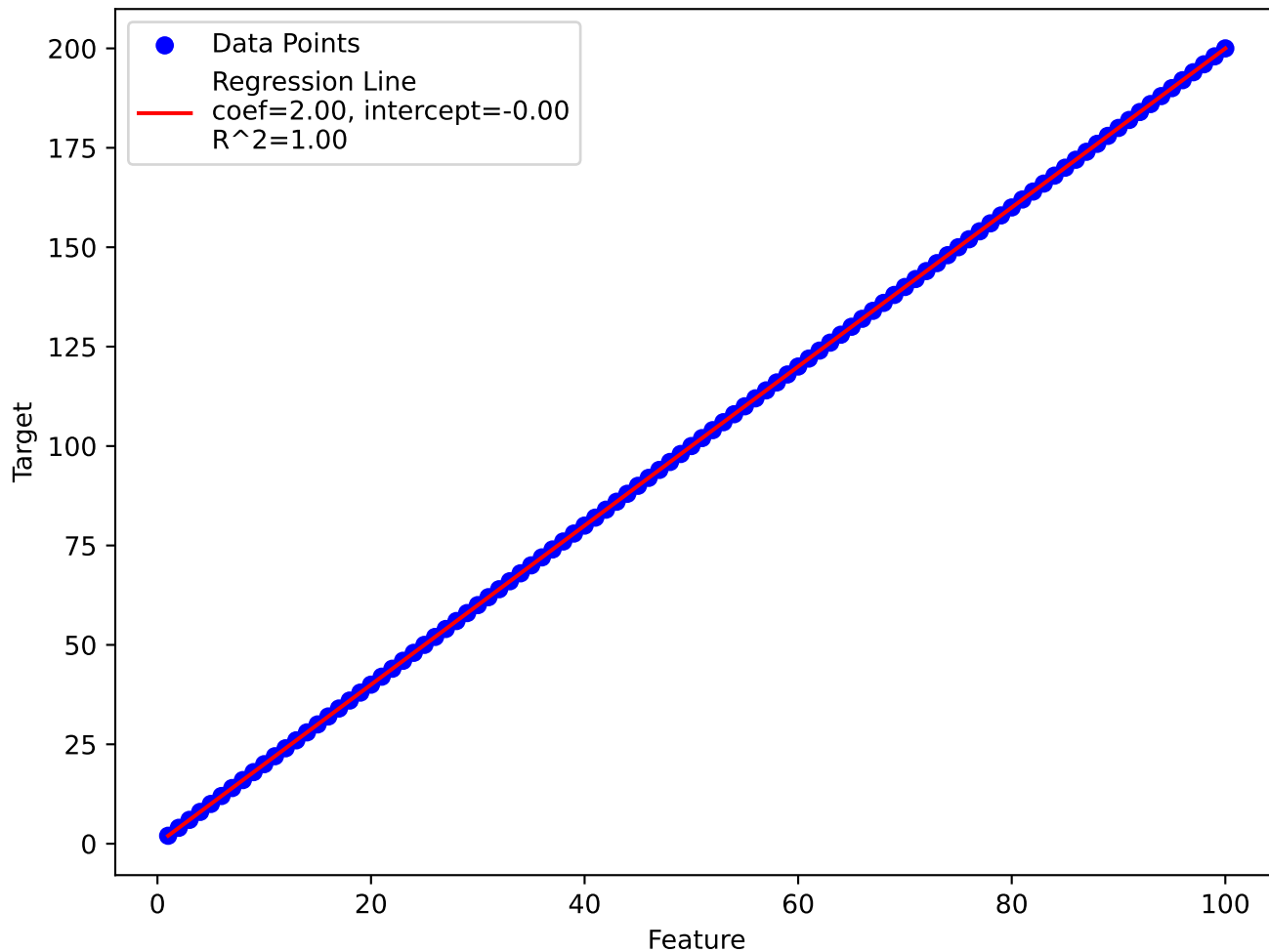
feature 0
target 0
col3 0
col4 0
dtype: int64

Descriptive Statistics:

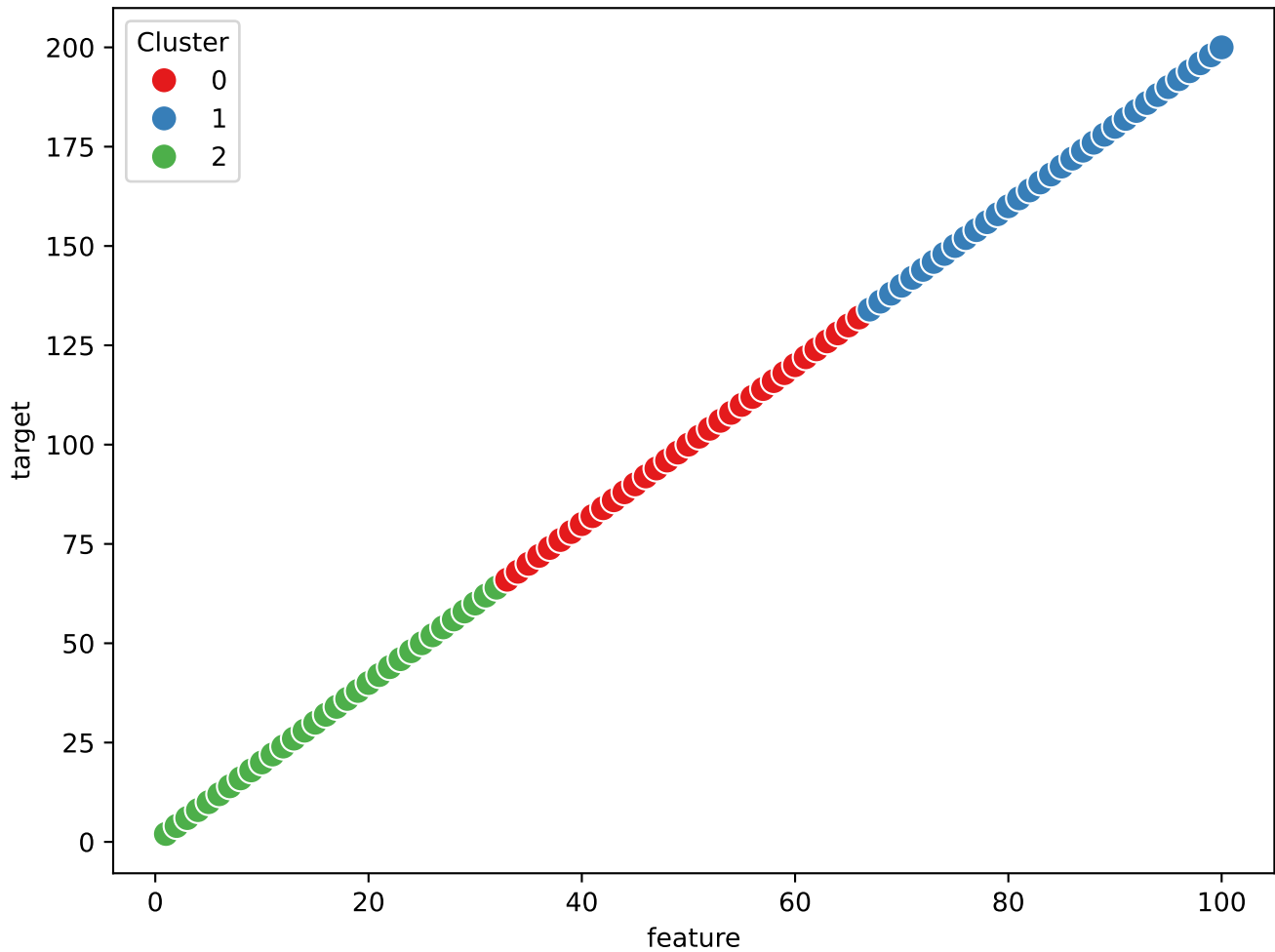
	feature	target	col3	col4
count	100.000000	100.000000	100.000000	100.000000
mean	50.500000	101.000000	60.500000	25.250000
std	29.011492	58.022984	29.011492	14.505746
min	1.000000	2.000000	11.000000	0.500000
25%	25.750000	51.500000	35.750000	12.875000
50%	50.500000	101.000000	60.500000	25.250000
75%	75.250000	150.500000	85.250000	37.625000
max	100.000000	200.000000	110.000000	50.000000

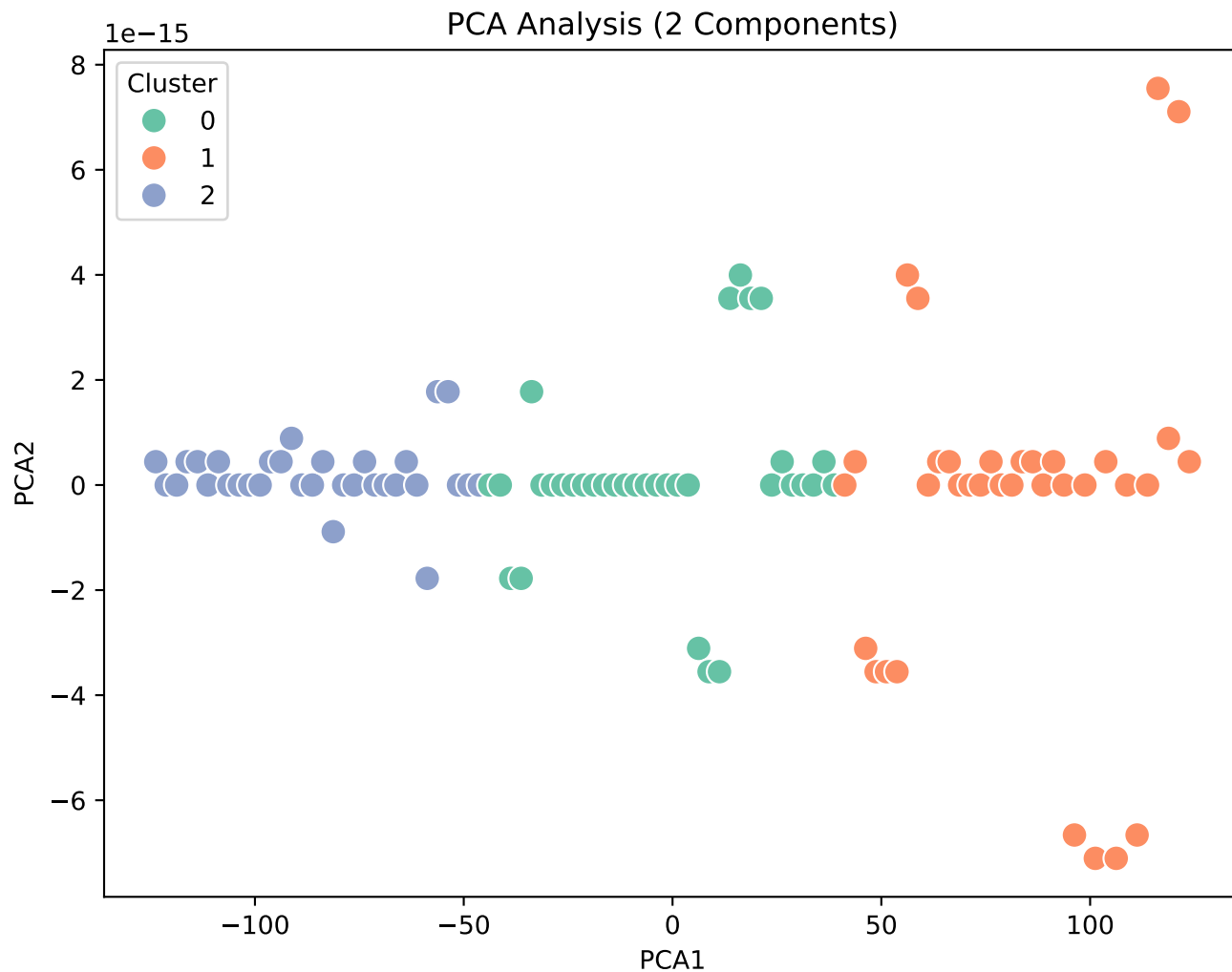


Linear Regression

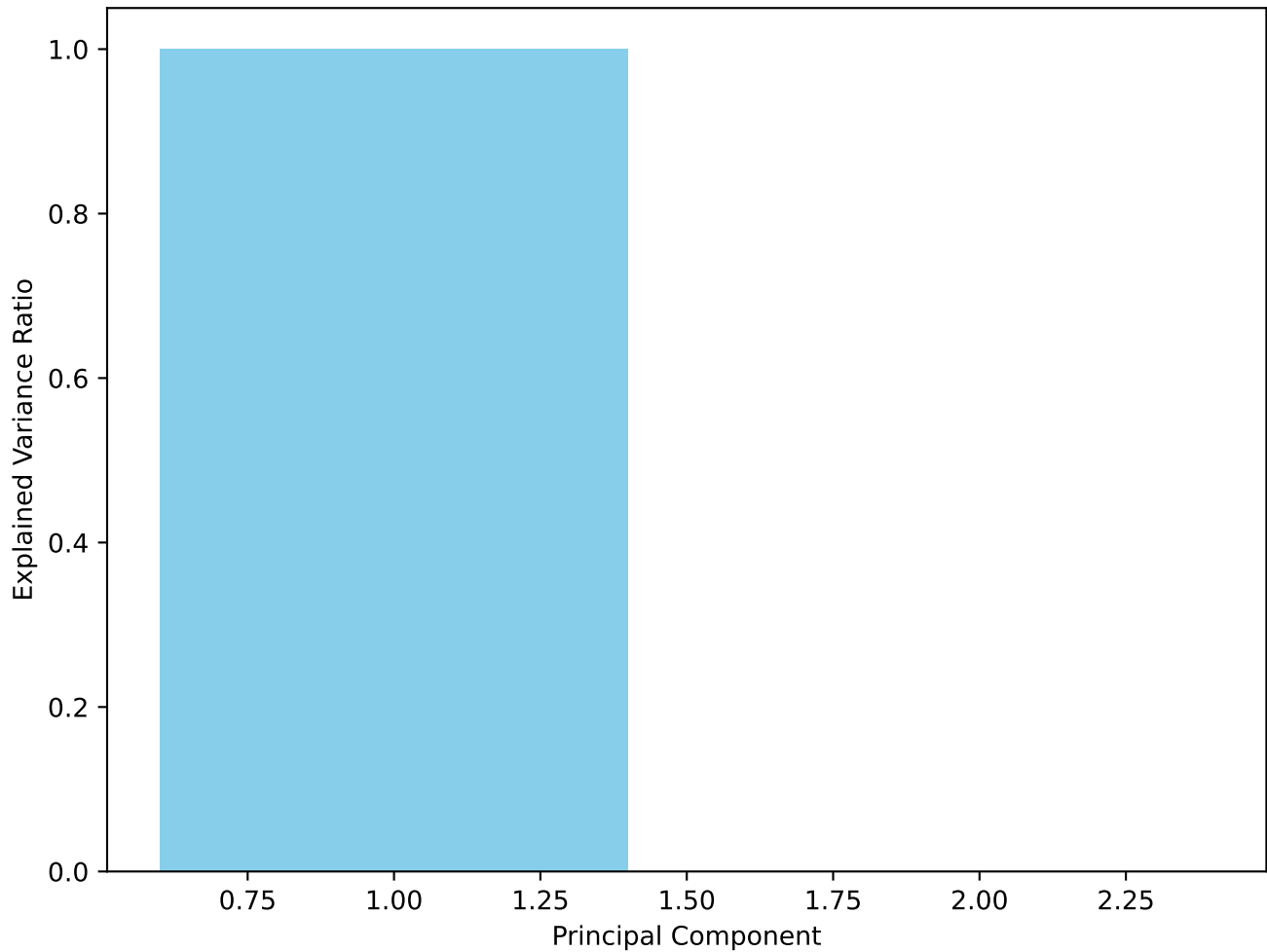


KMeans Clusters (k=3)





PCA Explained Variance Ratio



KS Test Result

KS Test on 'feature' column:
KS Statistic = 0.0610
P-value = 0.8280