Principal Component Analysis Report
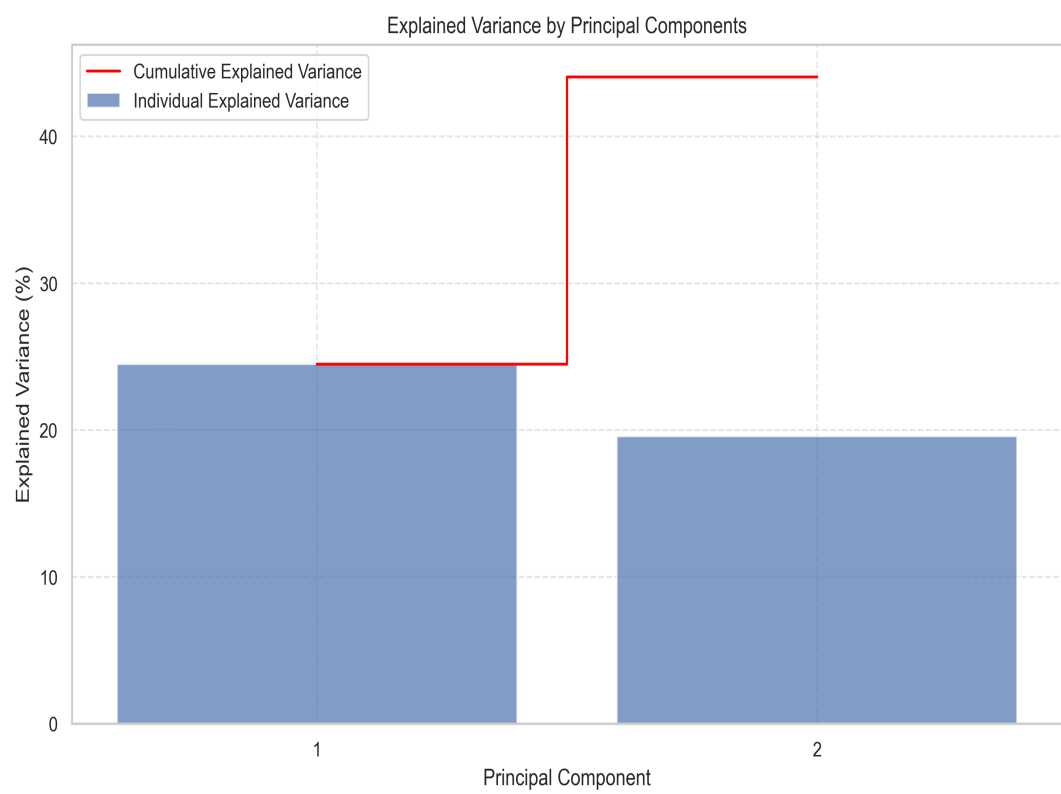
Dataset Information

Number of observations: 3013
Number of variables: 15
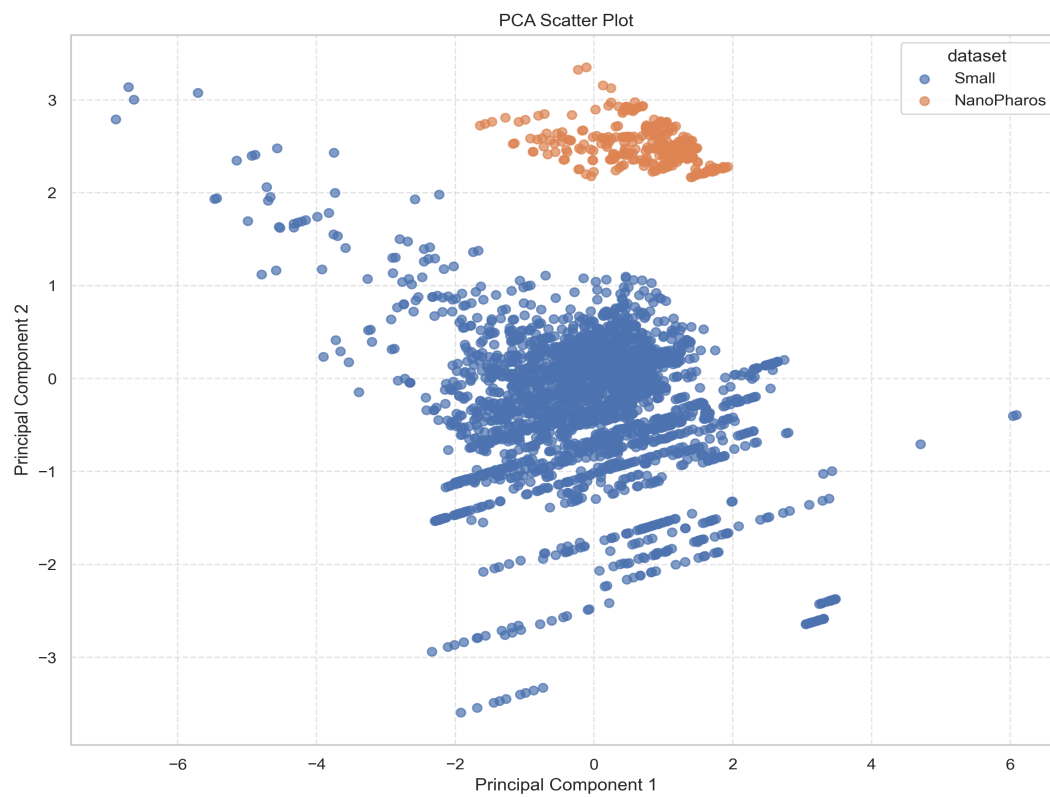
PCA Results

Number of principal components: 3
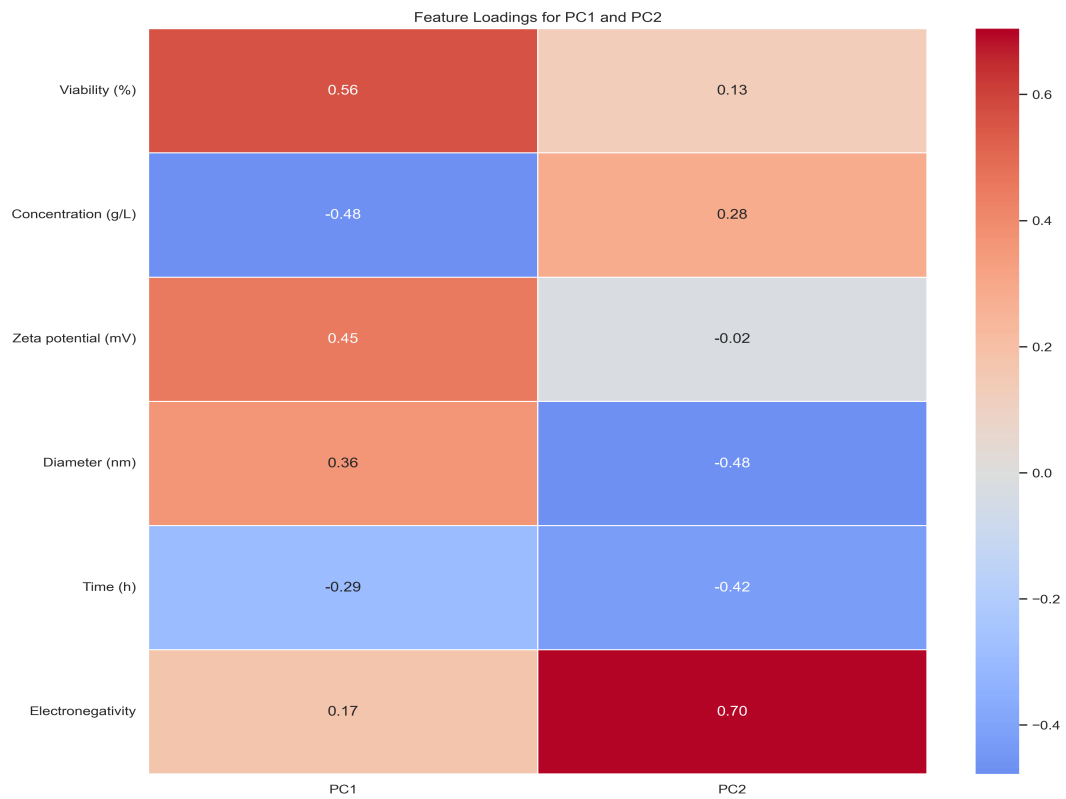
Explained Variance

Explained Variance by Principal Components

PCA Scatter Plot

PCA Scatter Plot

Feature Loadings

Feature Loadings for PC1 and PC2

	PC1	PC2
Viability (%)	0.56	0.13
Concentration (g/L)	-0.48	0.28
Zeta potential (mV)	0.45	-0.02
Diameter (nm)	0.36	-0.48
Time (h)	-0.29	-0.42
Electronegativity	0.17	0.70

PCA Biplot

PCA Biplot