Original data shape: (60000, 1, 28, 28)

Reshaped data shape: (60000, 784)

A graph with a blue line

AI-generated content may be incorrect.

A graph with blue lines

AI-generated content may be incorrect.

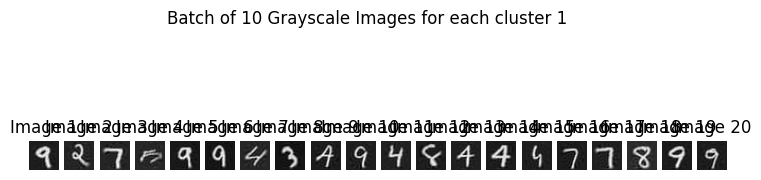
Number of features to retain for 95.0% variance: 154

PCA Reduced data shape: (60000, 154)

Silhouette Score: 0.0653 for K 10 and Variance Coverage 95.0%

A black and white image of numbers

AI-generated content may be incorrect.



A black and white image of a number

AI-generated content may be incorrect.

A black and white photo of a number

AI-generated content may be incorrect.

A black and white image of a person's face

AI-generated content may be incorrect.

A black and white photo of numbers

AI-generated content may be incorrect.

A black and white image of numbers

AI-generated content may be incorrect.

A black and white image of numbers

AI-generated content may be incorrect.

A black and white text

AI-generated content may be incorrect.

A black and white image of numbers

AI-generated content may be incorrect.