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 components to retain 95.0% variance: 154

Silhouette Score: 0.0793 for K 8 and Variance Coverage 95.0%

A black and white photo of numbers

AI-generated content may be incorrect.

cluster 1

8965 elements

A black and white photo of numbers

AI-generated content may be incorrect.

cluster 2

5820 elements

A black and white photo of numbers

AI-generated content may be incorrect.

cluster 3

8036 elements

A black and white photo of numbers

AI-generated content may be incorrect.

cluster 4

10826 elements

A black and white photo of numbers and letters

AI-generated content may be incorrect.

cluster 5

4847 elements

A black and white photo of numbers

AI-generated content may be incorrect.

cluster 6

5020 elements

A black and white image of a person's hand

AI-generated content may be incorrect.

cluster 7

9228 elements

A black squares with white text

AI-generated content may be incorrect.