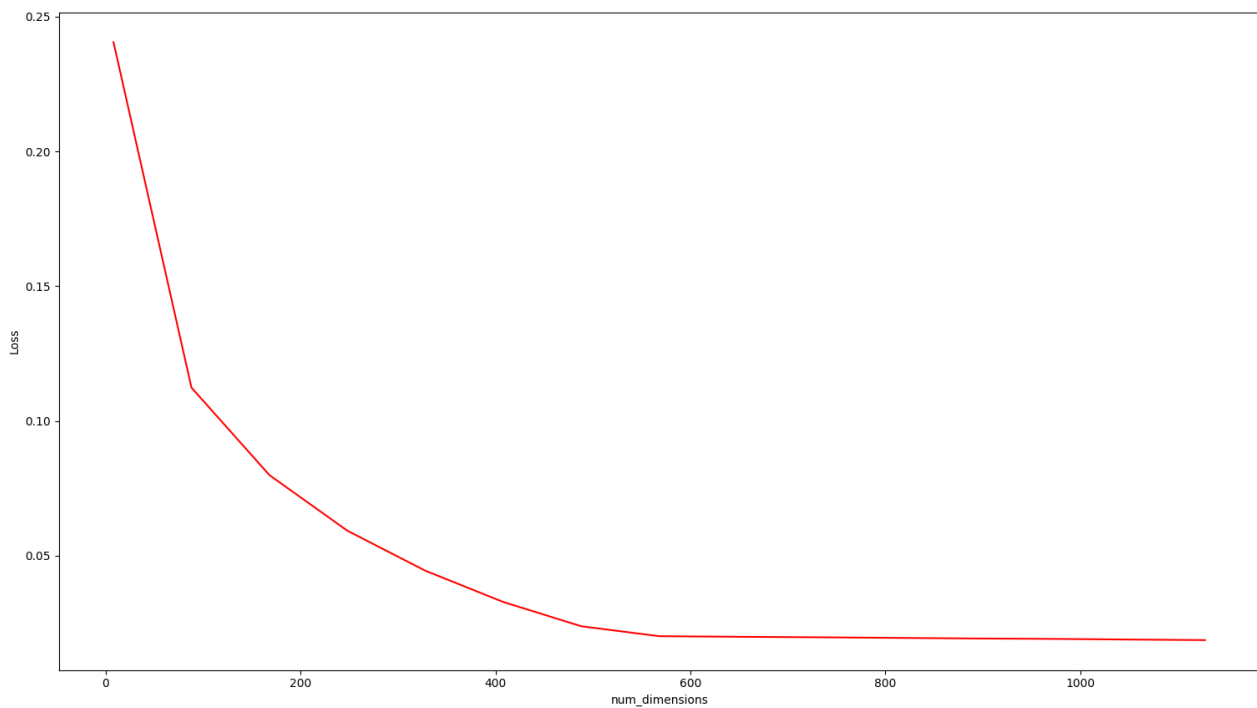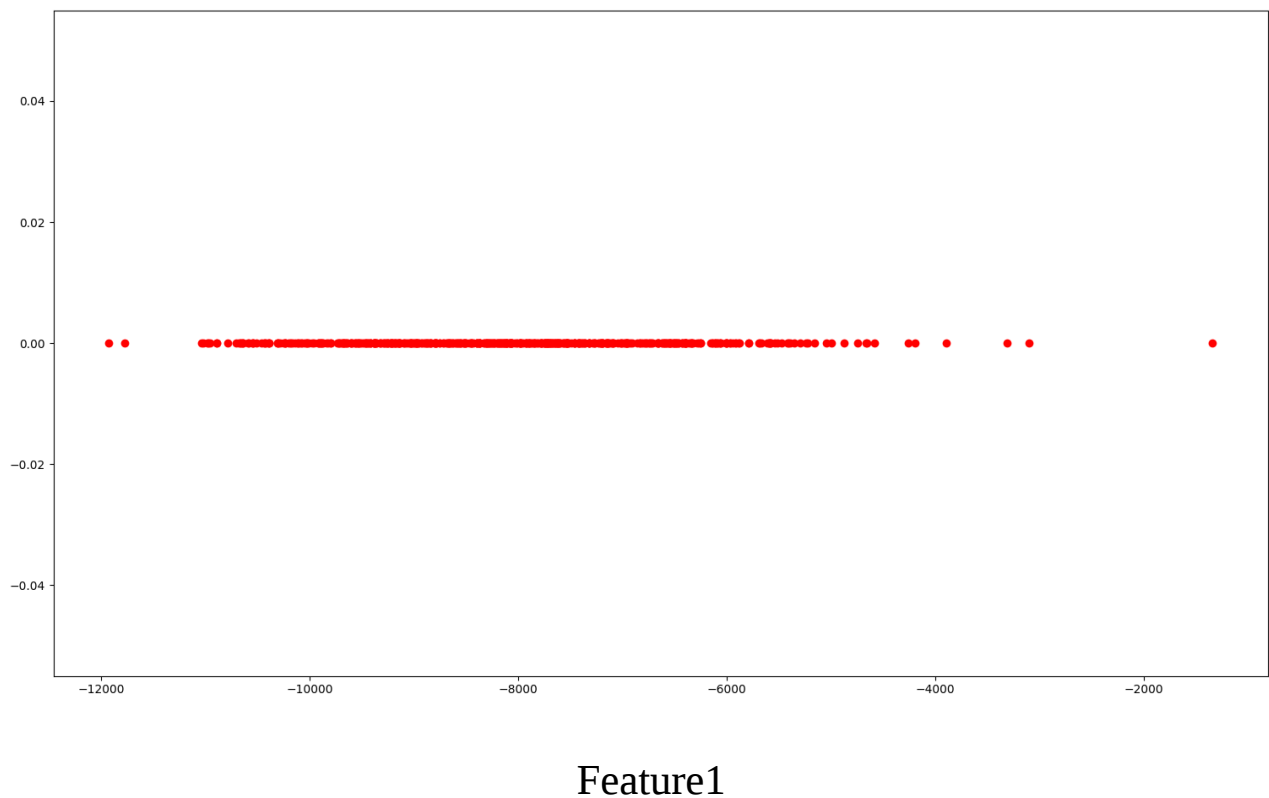# Part-1 : Principal Component Analysis

Plot of Minimum Square Error

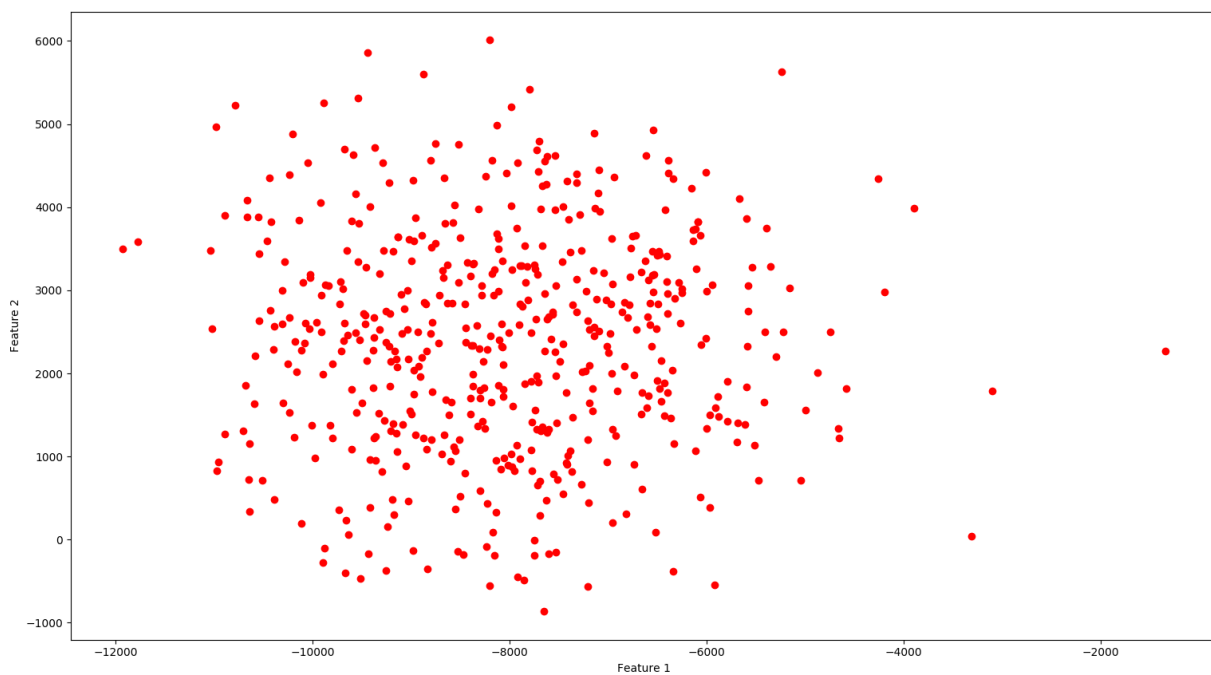

The error is decreasing while increasing the number of PCA components.

1D scatter plot

Feature1

2D Scatter Plot

3D Scatter Plot