

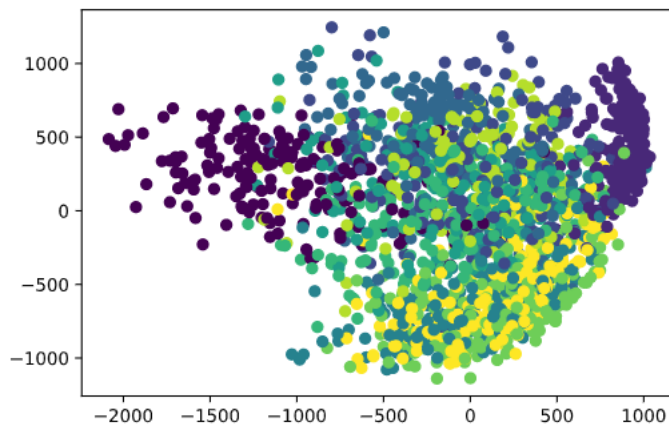
Lab 9

Angeline Chen

The purpose of the lab is to implement PCA. The algorithm centers the features, calculates the covariance matrix, calculates the eigenvalues and the eigenvectors of the covariance matrix, projects the data to the component space, calculates the variances, and graphs the data in the new dimension space.

	Variance
2 Components	0.17470154993273262489
3 Components	0.23933843060972873062

2 Components



3 Components

