CS 422: Project 4 Write-up

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This is the link of my write-up: https://www.overleaf.com/read/hfzqpghzhnrx.

1 PCA Implementation

The benefit of the PCA is that it gives a good starting point for analysis. It keeps all the info from all the points, but it also weighs them so we don't give too much import to features that aren't as important. It's a good pre-processing step, as it decreases the number of features and thus makes the data set simpler to work with. It also helps prevent overfitting.