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CPSC 483
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December 24, 2019

Final Project

Interpret these projections as a short answer, explaining what features' essence is captured by PC1 and PC2, and what are they signifying. Remember, when you reduce the dimensions, the new dimensions carry the weight or essence of the more than one original dimension or feature.

These principal components are combination of all the other variables. Each plot on the graph represents that, with a certain margin for error, they are a mix between the PC1 and PC2. The PC is generated by using eigenVectors and finding the best fitting one. By reducing the dimensions we are transforming our data but leaving all the original variable as a factor in the data through each PC.

Two Component SVD