Dat550 PCA Exercise

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1 Consider the following matrix

X	Y	Z
Height	Score	Age
64.0	580.0	29.0
66.0	570.0	33.0
68.0	590.0	37.0
69.0	660.0	46.0
73.0	600.0	55.0

Table 1: Caption

Using the input matrix first compute the PCA to reduce it to 2-dimensions

2 Derive the relationship between SVD and Eigenvectors