

Dimension Reduction

By Variables

ID	Var1	Var2	Var3
A			
B			
C			
D			

ID	Var2
A	
B	
C	
D	

Selection

ID	Var2+3
A	
B	
C	
D	

Extraction

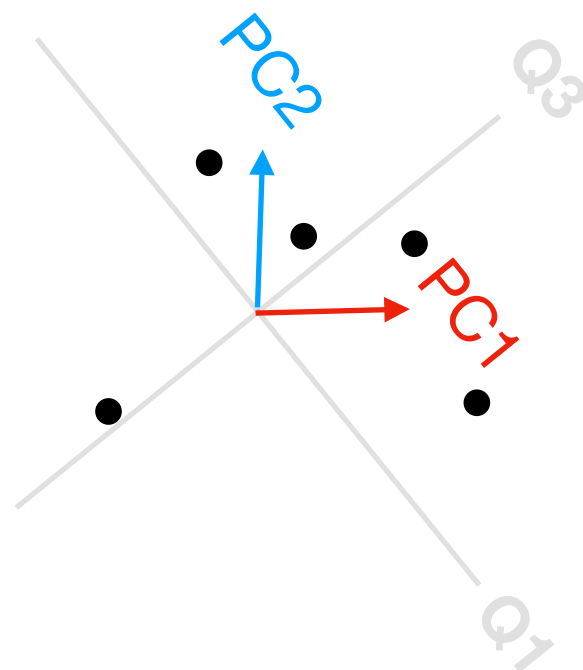
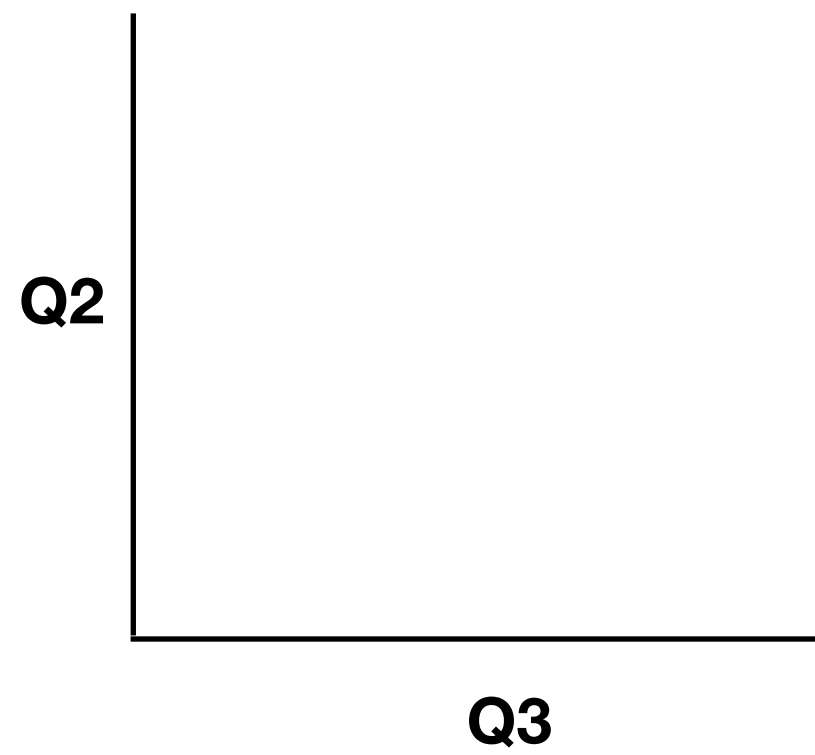
By Rows

ID	Var1	Var2	Var3
A			
C			

ID	Var1	Var2	Var3
B			
D			

[`https://bit.ly/`](https://bit.ly/)

HUDK050-Hackathon4

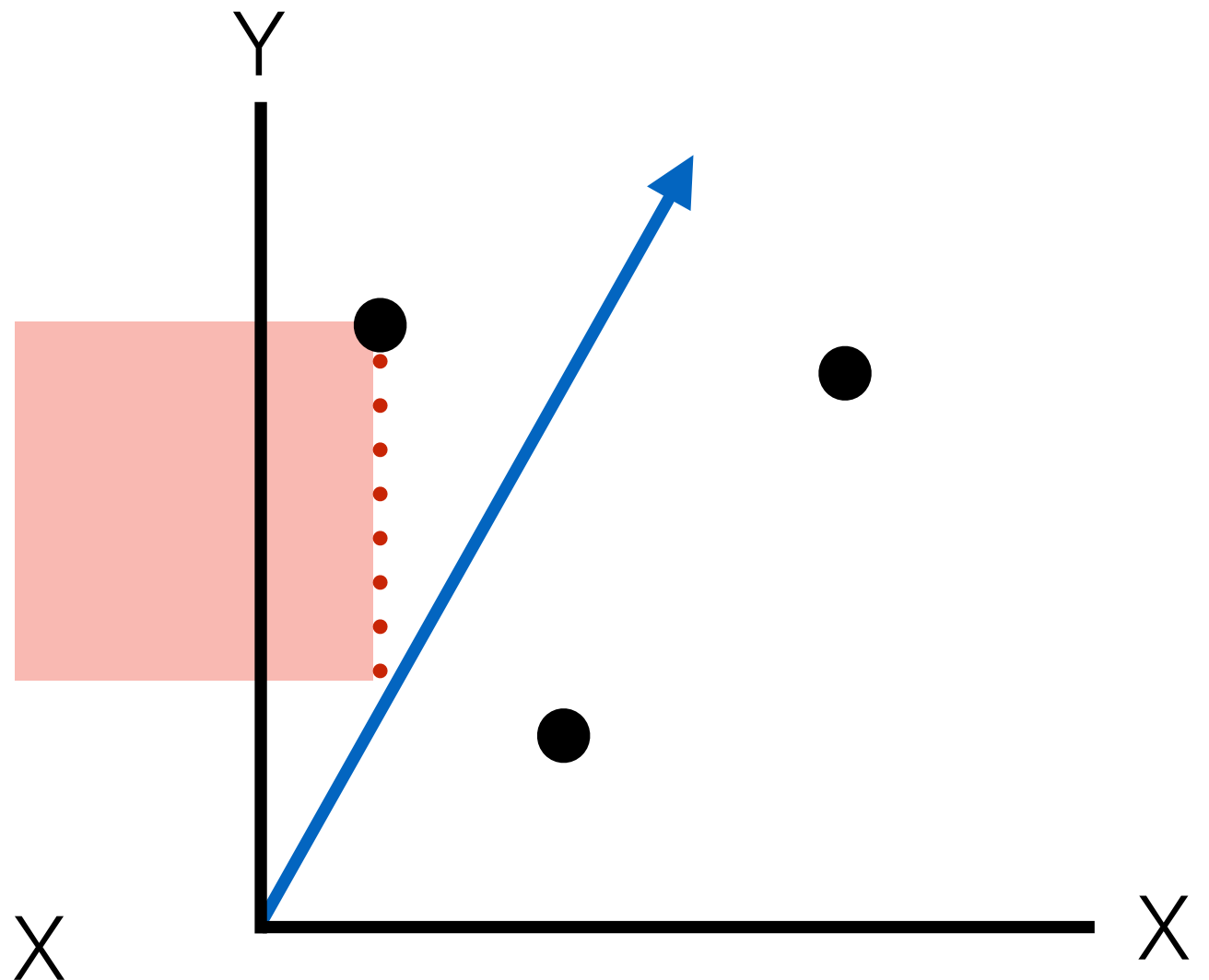
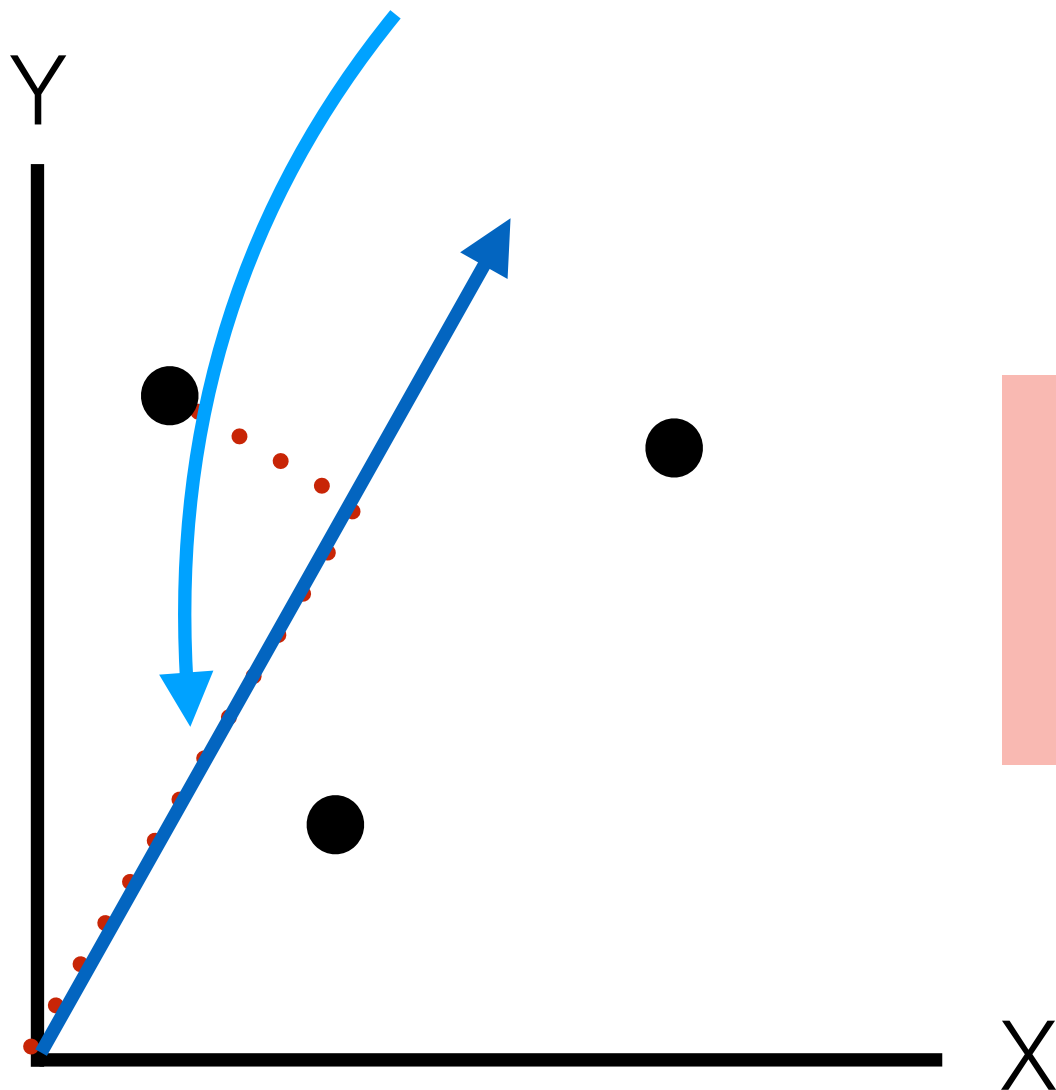


Q3 : Q1
1.25 : 1

Loading Scores

Eige

SSD = Eigenvalue = STDEV
 $\text{SSD}/(n-1)$ = variation about origin



$$a^2 + b^2 = c^2$$
$$c = 2.23\dots$$

Loadings

$$a = 1/2.2$$

$$b = 2/2.2$$

$$c = 1$$

