

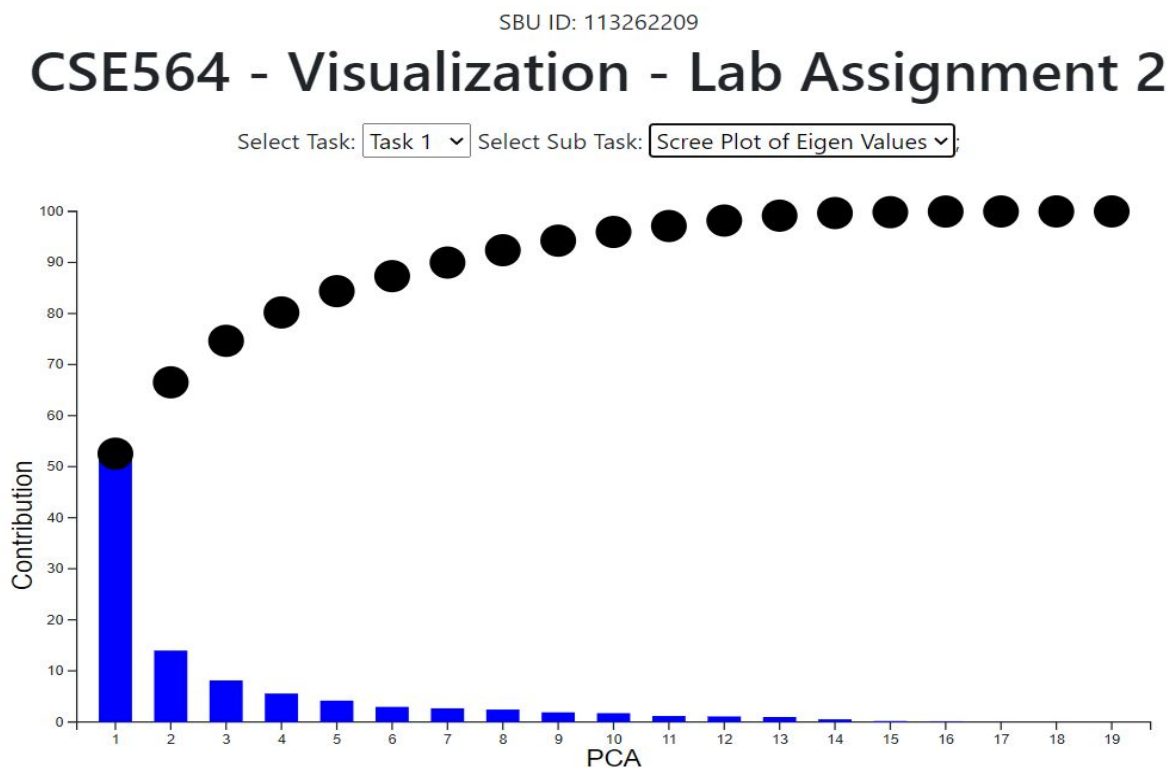
CSE564 - VISUALIZATION - LAB ASSIGNMENT 2

(Task 1 & 2)

Kenil Patel - 113262209

College Basketball Data Analysis

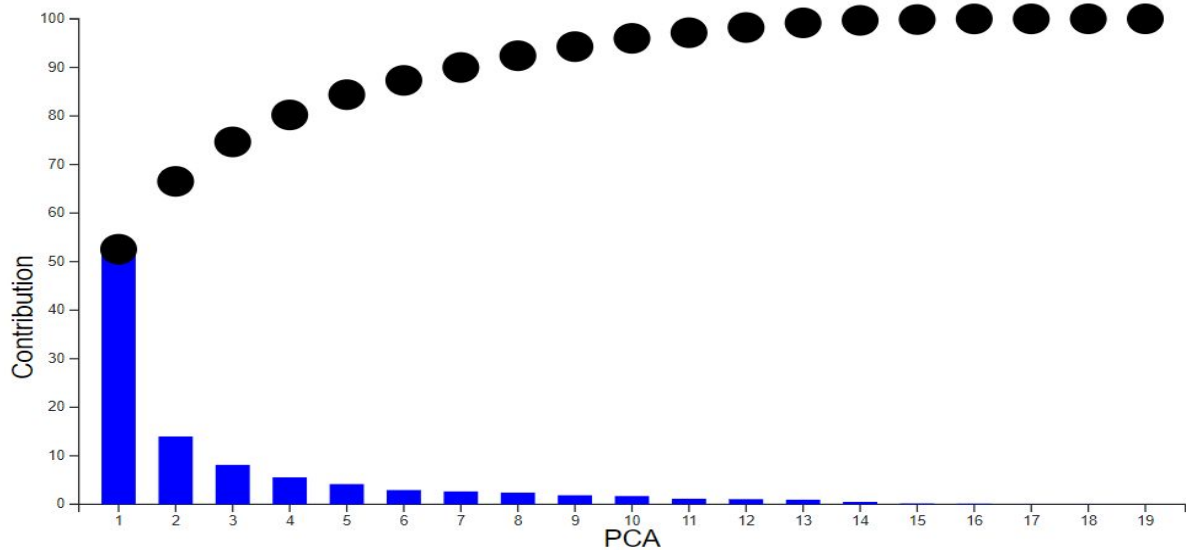
Screenshots:



Task 1.1 - Visualizing EigenVectors as Scree Plot

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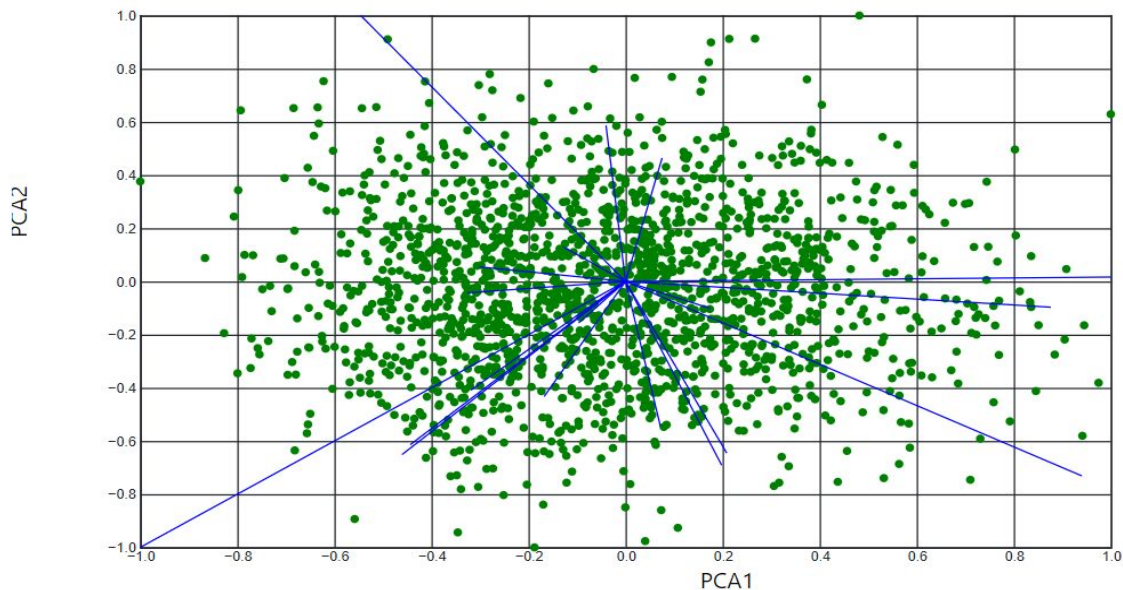
Select Task: Select Sub Task:
Selected Intrinsic_d = 4



Task 1.2 - User selects intrinsic dimensionality index

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Select Task: Select Sub Task:



Task 1.3 - PCA based biplot

SBU ID: 113262209

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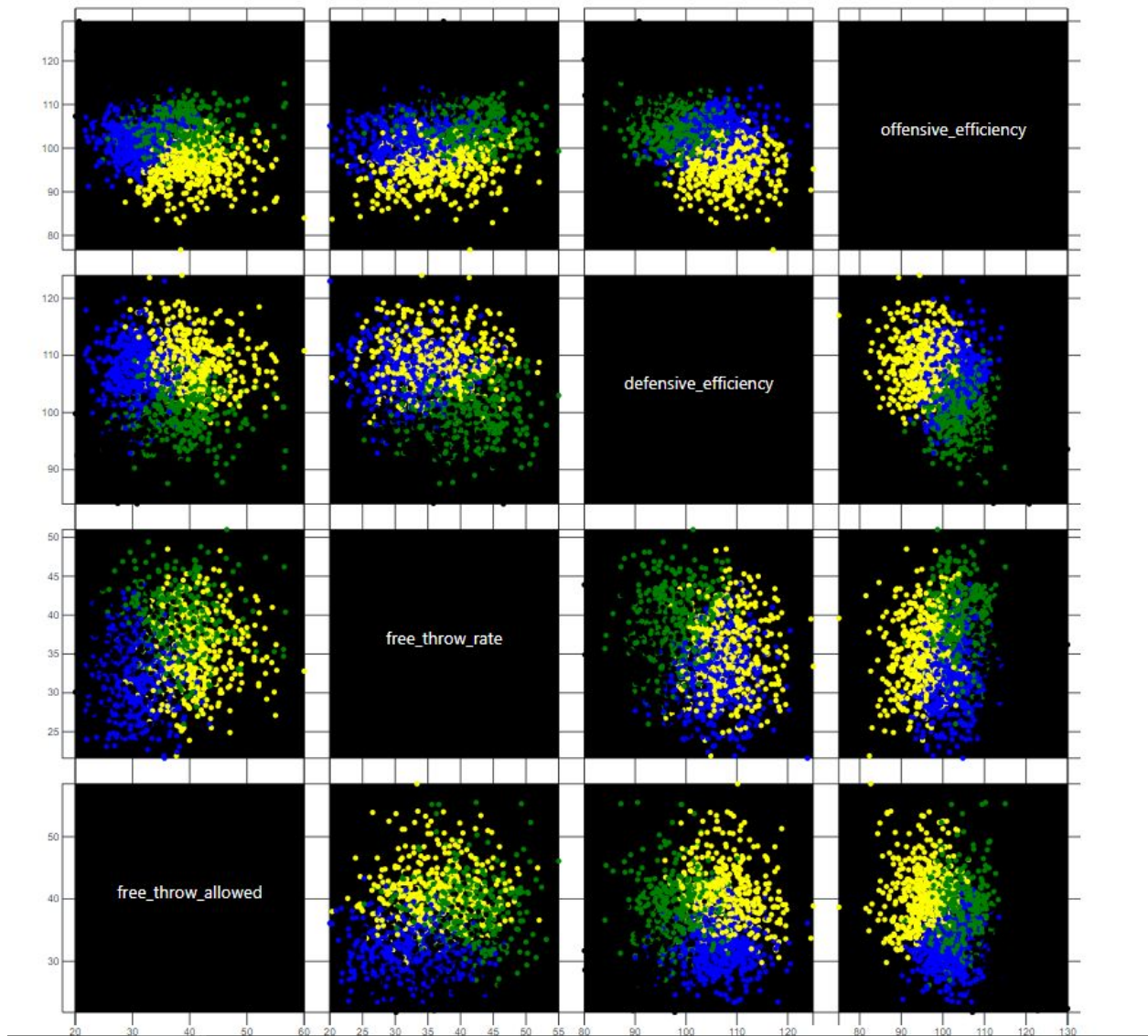
Select Task: Task 2 ▼ Select Sub Task: Table Data ▼

Selected Attribute Sum of Squared Loadings	
defensive_efficiency	0.8282544907717355
free_throw_allowed	0.4722677050129794
free_throw_rate	0.456390327412224
offensive_efficiency	0.9375785085261087

Task 2.1 - PCA attributes with highest PCA loadings

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Select Task: Select Sub Task:



Task 2.2 & 2.3 - PCA attributes with highest PCA loadings, k-means clusters of data