

Clustering	DS1- Age: Cholesterol	DS2 – Age: Resting BP	DS3 – Age: Max HB	DS4 – Age: ST Depresn	OutCome
K-Means 1. Number of Points in Cluster: 2. Silhouette Score: 3. Adjusted Rand Score:	0 79 3 72 5 70 1 48 4 28 2 5 0.4226 0.0396	4 81 0 60 5 54 3 46 1 35 2 26 0.3767 0.1870	3 78 0 54 1 51 4 49 5 42 2 28 0.3783 0.0676	3 80 2 68 1 57 5 46 0 33 4 18 0.4666 0.0121	1. Silhouette Score is better in K-Means as compared to other clustering. 2. Number of Points in Cluster is always less in K-Means
GMM 1. Number of Points in Cluster: 2. Silhouette Score: 3. Adjusted Rand Score:	3 106 1 71 0 68 4 52 2 4 5 1 0.4073 0.0266	0 100 3 74 5 39 4 39 1 32 2 18 0.2710 0.1892	0 92 2 53 4 51 3 44 5 35 1 27 0.3648 0.0570	1 98 4 70 0 61 2 43 5 25 3 5 -0.1045 0.57744	1. Silhouette Score is better than Agglomerative Clustering. 2. Adjusted Rand Score is less or equal to other clustering.
Agglomerative Ward 1. Number of Points in Cluster: 2. Silhouette Score: 3. Adjusted Rand Score:	4 74 5 71 2 68 1 47 3 37 0 5 0.4002 0.0370	1 100 0 74 2 52 4 33 5 30 3 13 0.3487 0.1850	3 70 1 60 0 58 5 56 2 44 4 14 0.3265 0.06094	1 83 3 60 2 56 4 47 0 39 5 17 0.4498 0.00130	1. Number of points in Agglomerative ward clustering is less as compared to Agglomerative average and complete clustering.
Agglomerative Average 1. Number of Points in Cluster: 2. Silhouette Score: 3. Adjusted Rand Score:	4 119 2 77 0 69 1 32 3 4 5 1 0.4150 0.02635	2 138 1 77 0 41 3 25 4 19 5 2 0.3156 0.1709	4 170 0 54 1 52 2 24 5 1 3 1 0.3086 0.0285	2 99 3 77 1 76 5 38 0 9 4 3 0.4530 0.0258	1. The Silhouette and Adjusted Rand Score is better than other two type of Agglomerative clustering.

Agglomerative Complete					
1. Number of Points in Cluster:	1 127 2 58 5 56 0 56 4 4 3 1	1 109 4 62 0 56 3 39 5 23 2 13	0 141 1 82 2 65 5 9 4 4 3 1	1 106 5 56 2 52 3 47 0 34 4 7	1. Silhouette Score is less as compared to other clustering.
2. Silhouette Score:	0.3669	0.2628	0.2809	0.3978	
3. Adjusted Rand Score:	0.02355	0.1471	0.03837	-0.01182	