$$x1 = \langle 1, 2 \rangle$$
 $x2 = \langle 4, 4 \rangle$
 $x3 = \langle 2, 5 \rangle$
 $x4 = \langle 2, 2 \rangle$

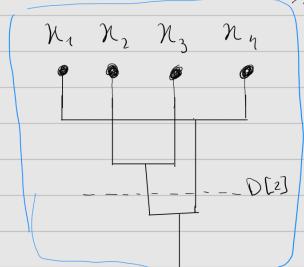
$$0 3.6 3.1 1$$
 $3.6 0 2.2 2.8$
 $3.1 2.2 0 3$
 $1 2.8 3 0$

Given the feature vectors and the distance matrix above, compute the clustering dendrogram using agglomerative clustering with the complete linkage rule. Compute the Mojo distance of D[2] from:

$$\{x1, x2\} \{x3, x4\}$$

as well as precision and recall.

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MAI
26 February 2024



$$D[2] = \left\{ \left\{ h_1, h_4 \right\}, \left\{ h_2, h_3 \right\} \right\} = A$$

$$B = \{ \{ u_1, u_2 \}, \{ u_3, u_n \} \}$$

$$\text{mno}(A,B)=2$$
 $\text{mno}(B,A)=2$
 $\text{mno}(B,A)=2$