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(OPTIONAL) A worked-out example for KD-trees

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In applications where the number of features is not too high, KD-trees enable efficient queries for nearest neighbor search.

Dataset

Let us consider a toy example with six data points in 2D:

	X	Y
Data point 0	0.59	0.9
Data point 1	0.89	0.82
Data point 2	0.04	0.69
Data point 3	0.38	0.52
Data point 4	0.66	0.19
Data point 5	0.27	0.72
Data point 6	0.8	0.6

