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Data discretization in data mining

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Data discretization converts a large number of data values into smaller once, so that data evaluation and data management becomes very easy.

Data discretization example

we have an attribute of age with the following values.

Age	10,11,13,14,17,19,30, 31, 32, 38, 40, 42,70 , 72, 73, 75
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Table: Before discretization

Attribute	Age	Age	Age
	10,11,13,14,17,19,	30, 31, 32, 38, 40, 42	70 , 72, 73, 75
After Discretization	Young	Mature	Old

Another example is the Website visitor's data. As seen in the figure below, data is discretized into the countries.