

## IRIS DATA SET

The data are in free format. That is, at least one blank space separates each variable. The variables are as follows:

Species (Iris Type), 1 = setosa, 2 = versicolor, 3 = virginica.

Sepal Length in centimeters.

Sepal Width in centimeters.

Petal Length in centimeters.

Petal Width in centimeters.

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Iris flowers comprise 6 parts. There are 3 inner parts or the standards, (THESE ARE THE PETALS) which are generally upright, and 3 outer parts, or the falls, (THESE ARE THE SEPALS) which are reflexed and often bearded at the base. Standards are large and showy in most species but reduced in Japanese Irises, *Iris kaempferi* and mere bristles in *Iris setosa*.

Three style branches arch over the anthers or pollen-bearing portion of the stamens, and the stigma or the structure that receives the pollen, is on the underside of the branches near the end. This morphological arrangement essentially forms a tunnel through which pollinating insects have to travel.