





Two datasets are included, related to red and white vinho verde wine samples, from the north of Portugal. The goal is to model wine quality based on physicochemical tests (see...

Dataset Characteristics Subject Area

Multivariate Business

Associated Tasks Feature Type

Classification, Regression Real

Instances # Features

4898 11

Dataset Information

Additional Information

The two datasets are related to red and white variants of the Portuguese "Vinho Verde" wine. For more details, consult: http://www.vinhoverde.pt/en/ or the reference [Cortez et al., 2009]. Due to privacy and logistic issues, only physicochemical (inputs) and sensory (the output) ...

Has Missing Values?

No

Introductory Paper

Modeling wine preferences by data mining from physicochemical properties

By P. Cortez, A. Cerdeira, Fernando Almeida, Telmo Matos, J. Reis. 2009 Published in Decision Support Systems

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Variable Name	Role	Туре	Description	Units	Missing Values
fixed_acidity	Feature	Continuous			no
volatile_acidity	Feature	Continuous			no
citric_acid	Feature	Continuous			no
residual_sugar	Feature	Continuous			no
chlorides	Feature	Continuous			no
free_sulfur_dioxide	Feature	Continuous			no
total_sulfur_dioxide	Feature	Continuous			no
density	Feature	Continuous			no
рН	Feature	Continuous			no
sulphates	Feature	Continuous			no
		Rows per pa	age 5	0 to 10 of	13 <

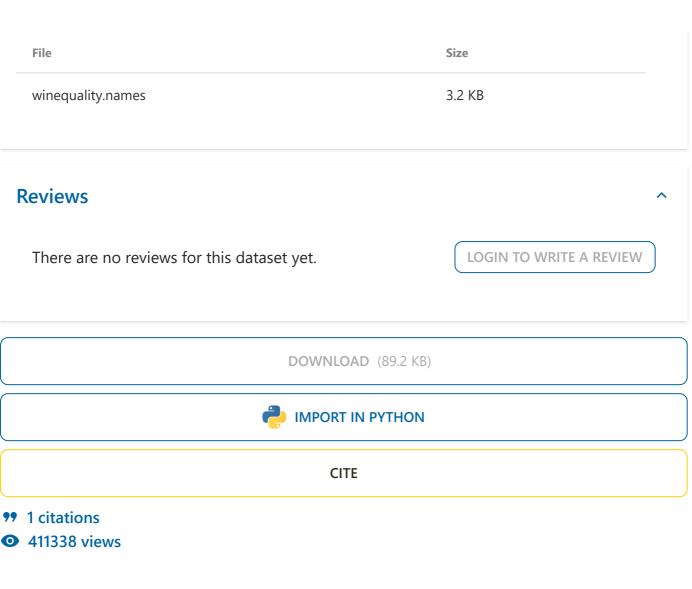
Additional Variable Information

For more information, read [Cortez et al., 2009]. Input variables (based on physicochemical tests):

1 - fixed acidity...

ı	Dataset Files		^
	File	Size	
	winequality-white.csv	258.2 KB	

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Keywords

Chemistry

Creators

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