##### Business Analytics Anwendungsentwicklung

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Gruppe: Wine Quality Prediction

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Datenquelle: https://archive.ics.uci.edu/ml/datasets/wine+quality

Datenbeschreibung: The dataset is on white variants of the Portuguese "Vinho Verde" wine. The dataset contains information on the physicochemical and sensory 4898 instances for 11 input features and 1 output feature.

Statische Einheit

Objekt: Wine  
 Ort: Portugal (Stichprobe)  
 Zeit: 2009

Merkmale [Auszug der „sinnvollsten“ Merkmale oder alle, inklusive Skalenart und Beispiele]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Merkmal | Skalenart | Mean | Median | Std.Dev. | Min | Max |
| 1 - fixed acidity | metric | 6.85 | 6.80 | 0.84 | 3.80 | 14.20 |
| 2 - volatile acidity | metric | 0.28 | 0.26 | 0.10 | 0.08 | 1.10 |
| 3 - citric acid | metric | 0.33 | 0.32 | 0.12 | 0.00 | 1.66 |
| 4 - residual sugar | metric | 6.39 | 5.20 | 5.07 | 0.60 | 65.80 |
| 5 - chlorides | metric | 0.05 | 0.04 | 0.02 | 0.01 | 0.35 |
| 6 - free sulfur dioxide | metric | 35.31 | 34.00 | 17.01 | 2.00 | 289.00 |
| 7 - total sulfur dioxide | metric | 138.36 | 134.00 | 42.50 | 9.00 | 440.00 |
| 8 - density | metric | 0.99 | 0.99 | 0.00 | 0.99 | 1.04 |
| 9 - pH | metric | 3.19 | 3.18 | 0.15 | 2.72 | 3.82 |
| 10 - sulphates | metric | 0.49 | 0.47 | 0.11 | 0.22 | 1.08 |
| 11 - alcohol | metric | 0.49 | 0.47 | 0.11 | 0.22 | 1.08 |
| 12 - quality | ordinal | 6 | 6 | 0.89 | 3 | 9 |