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Credit Approval Data Set

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Abstract: This data concerns credit card applications; good mix of attributes

Data Set Characteristics:	Multivariate	Number of Instances:	690	Area:	Financial
Attribute Characteristics:	Categorical, Integer, Real	Number of Attributes:	15	Date Donated	N/A
Associated Tasks:	Classification	Missing Values?	Yes	Number of Web Hits:	433455

Source:

(confidential source)

Submitted by [quinlan '@' cs.su.oz.au](#)

Data Set Information:

This file concerns credit card applications. All attribute names and values have been changed to meaningless symbols to protect confidentiality of the data.

This dataset is interesting because there is a good mix of attributes -- continuous, nominal with small numbers of values, and nominal with larger numbers of values. There are also a few missing values.

Attribute Information:

- A1: b, a.
- A2: continuous.
- A3: continuous.
- A4: u, y, l, t.
- A5: g, p, gg.
- A6: c, d, cc, i, j, k, m, r, q, w, x, e, aa, ff.
- A7: v, h, bb, j, n, z, dd, ff, o.
- A8: continuous.
- A9: t, f.
- A10: t, f.
- A11: continuous.
- A12: t, f.
- A13: g, p, s.
- A14: continuous.
- A15: continuous.
- A16: +,- (class attribute)

Relevant Papers:

Quinlan. "Simplifying decision trees", Int J Man-Machine Studies 27, Dec 1987, pp. 221-234.
[[Web Link](#)]

Quinlan. "C4.5: Programs for Machine Learning", Morgan Kaufmann, Oct 1992
[[Web Link](#)]

Papers That Cite This Data Set¹:



Xiaoming Huo. [FBP: A Frontier-Based Tree-Pruning Algorithm](#). Seoung Bum Kim. 2002. [[View Context](#)].

Lorne Mason and Peter L. Bartlett and Jonathan Baxter. [Improved Generalization Through Explicit Optimization of Margins](#). Machine Learning, 38. 2000. [[View Context](#)].

Kagan Tumer and Joydeep Ghosh. [Robust Combining of Disparate Classifiers through Order Statistics](#). CoRR, csLG/9905013. 1999. [[View Context](#)].

Lorne Mason and Peter L. Bartlett and Jonathan Baxter. [Direct Optimization of Margins Improves Generalization in Combined Classifiers](#). NIPS. 1998. [[View Context](#)].

Citation Request:

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[1] Papers were automatically harvested and associated with this data set, in collaboration with [Rexa.info](#)

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