User Knowledge Modeling

Donated on 6/25/2013

It is the real dataset about the students' knowledge status about the subject of Electrical DC Machines. The dataset had been obtained from Ph.D. Thesis.

Dataset Characteristics
Multivariate

Subject Area
Computer Science

Associated Tasks
Classification, Clustering

Feature Type
Integer

Instances
403

Features
5

Dataset Information

Additional Information

 -- The users' knowledge class were classified by the authors
    using intuitive knowledge classifier (a hybrid ML technique of k-NN and meta-heuristic exploring methods), k-nearest neighbor algorithm. ...

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Has Missing Values?

No

Introductory Paper

[The development of intuitive knowledge classifier and the modeling of domain dependent](#)

Variables Table

Variable Name	Role	Type	Description	Units	Missing Values
STG	Feature	Continuous			no
SCG	Feature	Continuous			no
STR	Feature	Continuous			no
LPR	Feature	Continuous			no
PEG	Feature	Continuous			no
UNS	Target	Categorical			no

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Additional Variable Information

STG (The degree of study time for goal object materails), (input value)
SCG (The degree of repetition number of user for goal object materails) (input value)
STR (The degree of study time of user for related objects with goal object) (input value) …

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Class Labels
Very Low: 50
Low:129
Middle: 122…

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File	Size
Data_User_Modeling_Dataset_Hamdi Tolga KAHRAMAN.xls	56.5 KB

Reviews ⌃

There are no reviews for this dataset yet.

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🐍 IMPORT IN PYTHON

CITE

Creators

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