

PyCANON: Check ANONymity properties

Report

May 11 2022 13:55:35

File (or pandas dataframe) name: ./Data/Processed/StudentsMath_Score.csv

Quasi-identifiers: ['Teacher', 'Gender', 'Ethnic', 'Freeredu', 'wesson']

Sensitive attribute(s): ['Score']

Anonymity property	Value(s)
k-anonymity	$k = 1$
(α, k) -anonymity	$\alpha = 1.0$ and $k = 1$
l-diversity	$l = 1$
Entropy l-diversity	$l = 1$
(c, l) -diversity	$c = \text{nan}$ and $l = 1$
Basic β -likeness	$\beta = 71.0$
Enhanced β -likeness	$\beta = 5.375278407684165$
t-closeness	$t = 0.4165919952210274$
δ -disclosure privacy	$\delta = 4.276666119016055$