gretel Synthetic Data Quality Report

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Model

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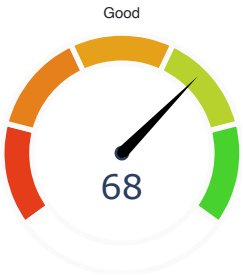
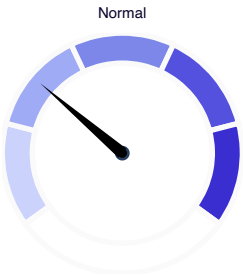
Model UID 654793e57bb7bf8c96cce8fb

Project Mental stress detection

Generated 11/05/2023, 13:09



Synthetic Data Quality Score



Privacy Protection Level

The Synthetic Data Quality Score is computed by taking a weighted combination of the individual quality metrics: Field Distribution Stability, Field Correlation Stability and Deep Structure Stability. Learn more about Synthetic Data Quality Score (SQS)

Data Summary Statistics

Field Correlation Stability

Deep Structure Stability

Field Distribution Stability

	Training Data	Synthetic Data
Row Count	120	120
Column Count	14	14
Training Lines Duplicated	--	0

What do these values mean?

Privacy Protection Summary

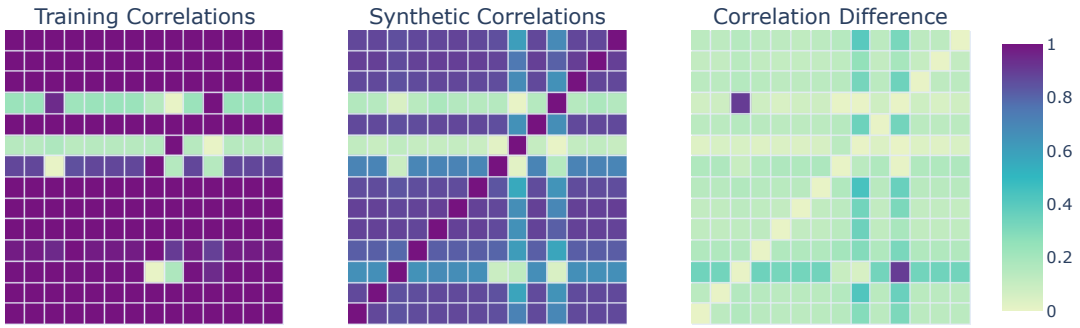
Default Privacy Protections			Advanced Protections
Outlier Filter Disabled	Similarity Filter Disabled	Overfitting Prevention Disabled	Differential Privacy Disabled

Training field overview

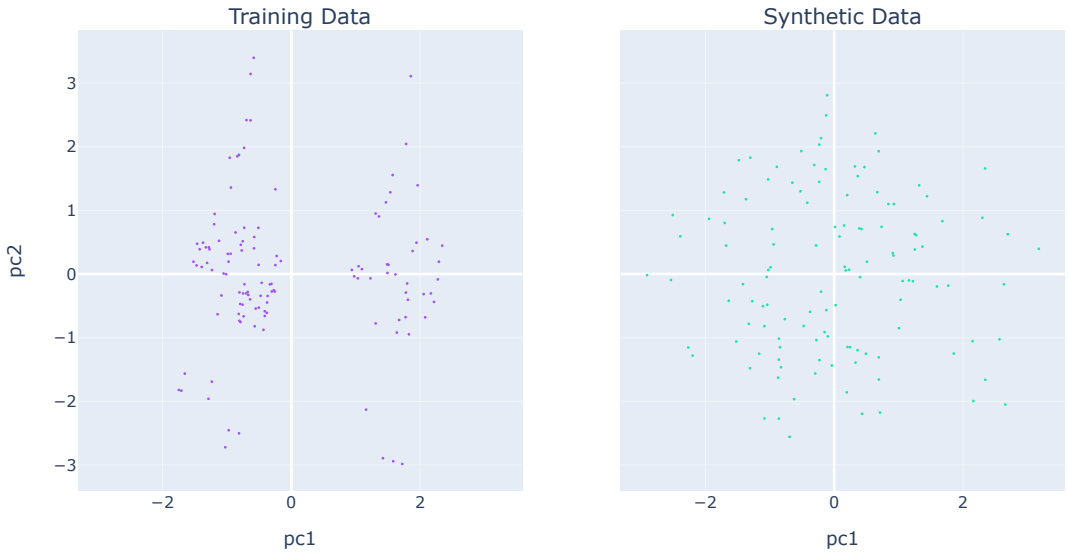
Field	Unique	Missing	Ave. Length	Type	Distribution Stability
AVNN (ms)	120	0	7.89	Other	N/A
LF Norm (n.u.)	120	0	6.87	Other	N/A
pNN50 (%)	108	0	5.71	Other	N/A
LF/HF Ratio	120	0	5.88	Other	N/A
SDNN (ms)	120	0	6.86	Other	N/A
HF (ms2)	120	0	7.72	Other	N/A
RMSSD (ms)	120	0	6.88	Other	N/A
HF Norm (n.u.)	120	0	6.94	Other	N/A

LF (ms2)	120	0	7.91	Other	N/A
Mean HR (BPM)	120	0	7.07	Other	N/A
Subject NO.	118	0	2.08	Numeric	Moderate
NN50 (beats)	65	0	1.79	Numeric	Good
stress level	3	0	1.00	Categorical	Good
Gender	2	0	5.05	Binary	Excellent

Training and Synthetic Data Correlation



Principal Component Analysis



Field Distribution Comparisons

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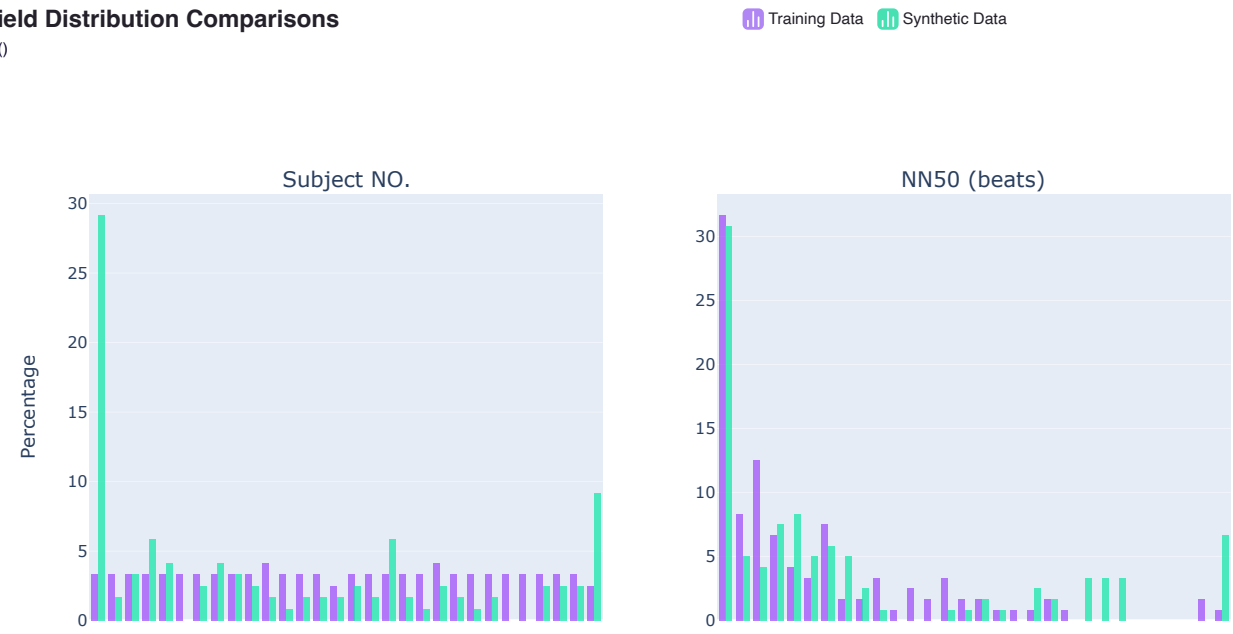

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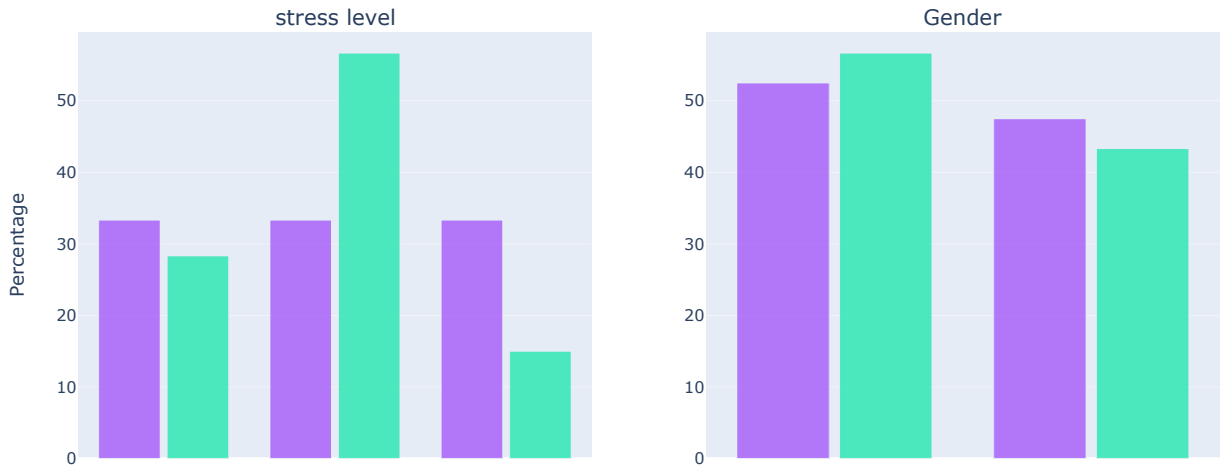

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