

Project

1. Properties

- Project
 - » Name: FitLife
 - » Description: Not specified

Input specification

1. Input data

- Data
 - » Records: 500
 - » Attributes: 18

2. Attributes and transformations

- Insensitive attributes
 - » Progress: String
 - » Fitness Goals: String
 - » Features Used: String
 - » Dietary Preference: String
 - » App Time(minutes): Integer
- Sensitive attributes
 - » Content Preference: String
 - » Interaction: String
 - » Workout Duration: Integer
 - » Workout Type: String
 - » Height(cm): Integer
 - » Weight(kg): Integer
 - » Workout Frequency: Integer
 - » Allergies: String
 - » BMI: Decimal
- Identifying attributes
 - » Name: String
- Quasi-identifying attributes
 - » Gender: String
 - » Age: Integer
 - » Location: String
- Response variables
 - » None
- Generalization hierarchy
 - » Attribute: Progress
- Generalization hierarchy
 - » Attribute: Content Preference
 - » Height: 2
- Generalization hierarchy
 - » Attribute: Fitness Goals
- Generalization hierarchy
 - » Attribute: Features Used
- Generalization hierarchy
 - » Attribute: Interaction

- » Height: 2
- Generalization hierarchy
 - » Attribute: Gender
 - » Height: 2
 - » Minimum level: 0
 - » Maximum level: 1
- Generalization hierarchy
 - » Attribute: Height(cm)
 - » Height: 7
- Generalization hierarchy
 - » Attribute: Allergies
 - » Height: 2
- Generalization hierarchy
 - » Attribute: App Time(minutes)
 - » Height: 7
- Generalization hierarchy
 - » Attribute: Weight(kg)
 - » Height: 7
- Generalization hierarchy
 - » Attribute: Age
 - » Height: 7
 - » Minimum level: 0
 - » Maximum level: 6
- Generalization hierarchy
 - » Attribute: BMI
 - » Height: 9
- Generalization hierarchy
 - » Attribute: Location
 - » Height: 67
 - » Minimum level: 0
 - » Maximum level: 66

3. Configuration

- Weights
 - » Progress: 0.5
 - » Content Preference: 0.5
 - » Fitness Goals: 0.5
 - » Features Used: 0.5
 - » Interaction: 0.5
 - » Gender: 0.5
 - » Height(cm): 0.5
 - » Allergies: 0.5
 - » App Time(minutes): 0.5
 - » Weight(kg): 0.5
 - » Age: 0.5
 - » Location: 0.5
 - » BMI: 0.5
- Settings
 - » Assume monotonicity: No
 - » Suppression limit: 0.1
- Risk thresholds
 - » Prosecutor risk: 0.1

- » Journalist risk: 0.1
- » Marketer risk: 0.1

Output properties

1. Output data

- Data
 - » Records: 500
 - » Attributes: 18
- Checksum
 - » SHA-256:
de1ccf806e3db2529d299449860aebd01cb7909027afdb2c8b9a0f9a8f23a7b3

2. Solutions

- Search space
 - » Size: 938
 - » Materialized: 938

3. Transformation

- Transformation
 - » Anonymity: Yes
 - » Minimum information loss: 1.0
 - » Maximum information loss: 1.0
 - Generalization scheme
 - » Age: 6/6
 - » Location: 66/66
 - » Gender: 1/1

4. Data quality model

- Loss
 - » Aggregate function: Geometric mean
 - » Monotonic: No
 - » Generalization factor: 1.0
 - » Suppression factor: 1.0

5. Privacy models

- Distinct l-diversity
 - » Attribute: Allergies
 - » Threshold (l): 3
- k-Anonymity
 - » Threshold (k): 10
- t-Closeness
 - » Attribute: Workout Duration
 - » Threshold (t): 0.4
 - » Distance: Equal
- Distinct l-diversity
 - » Attribute: Workout Frequency
 - » Threshold (l): 7
- t-Closeness
 - » Attribute: Weight(kg)
 - » Threshold (t): 0.3

- » Distance: Equal
- Distinct l-diversity
 - » Attribute: Workout Type
 - » Threshold (l): 3
- t-Closeness
 - » Attribute: Height(cm)
 - » Threshold (t): 0.4
 - » Distance: Equal
- Distinct l-diversity
 - » Attribute: Interaction
 - » Threshold (l): 3
- t-Closeness
 - » Attribute: BMI
 - » Threshold (t): 0.4
 - » Distance: Equal
- Distinct l-diversity
 - » Attribute: Content Preference
 - » Threshold (l): 3

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