Project

1. Properties
- Project
  - » Name: scenario_detailed
  - » Description: Not specified

Input specification

1. Input data
- Data
  - » Records: 32561
  - » Attributes: 14

2. Attributes and transformations
- Insensitive attributes
  - » income: String
- Sensitive attributes
  - » capital-loss: Integer
  - » race: String
  - » capitical-gain: Integer
- Identifying attributes
  - » None
- Quasi-identifying attributes
  - » education: String
  - » occupation: String
  - » native-country: String
  - » education-num: Integer
  - » sex: String
  - » hours-per-week: Integer
  - » work-class: String
  - » marital-status: String
  - » relationship: String
  - » age: Integer
- Response variables
  - » None
- Generalization hierarchy
  - » Attribute: education
  - » Height: 5
  - » Minimum level: 0
  - » Maximum level: 4
- Generalization hierarchy
  - » Attribute: occupation
  - » Height: 5
  - » Minimum level: 0
  - » Maximum level: 4
- Generalization hierarchy
  - » Attribute: native-country
  - » Height: 4
  - » Minimum level: 0

» Maximum level: 3
- Generalization hierarchy
    » Attribute: sex
    » Height: 2
    » Minimum level: 0
    » Maximum level: 1
- Generalization hierarchy
    » Attribute: hours-per-week
    » Height: 8
    » Minimum level: 0
    » Maximum level: 7
- Generalization hierarchy
    » Attribute: education-num
    » Height: 6
    » Minimum level: 0
    » Maximum level: 5
- Generalization hierarchy
    » Attribute: work-class
    » Height: 4
    » Minimum level: 0
    » Maximum level: 3
- Generalization hierarchy
    » Attribute: marital-status
    » Height: 3
    » Minimum level: 0
    » Maximum level: 2
- Generalization hierarchy
    » Attribute: relationship
    » Height: 3
    » Minimum level: 0
    » Maximum level: 2
- Generalization hierarchy
    » Attribute: age
    » Height: 8
    » Minimum level: 0
    » Maximum level: 7

3. Configuration
- Weights
    » education: 0.5
    » occupation: 0.5
    » education-num: 0.5
    » race: 0.5
    » native-country: 0.5
    » sex: 0.5
    » hours-per-week: 0.5
    » work-class: 0.5
    » marital-status: 0.5
    » relationship: 0.5
    » age: 0.5
- Settings
    » Assume monotonicity: No

» Suppression limit: 0.1
- Risk thresholds
    » Prosecutor risk: 0.03333333333333333
    » Journalist risk: 0.03333333333333333
    » Marketer risk: 0.03333333333333333

Output properties

1. Output data
- Data
    » Records: 32561
    » Attributes: 14
- Checksum
    » SHA-256:
      574c688728e6863977c1935b41ca7825fc7fe68a9062622252cb017b266df1ef

2. Solutions
- Search space
    » Size: 2764800
    » Materialized: 55880

3. Transformation
- Transformation
    » Anonymity: Yes
    » Minimum information loss: 0.537942133181464
    » Maximum information loss: 0.537942133181464
    - Generalization scheme
        » age: 6/7
        » work-class: 3/3
        » education: 2/4
        » education-num: 2/5
        » marital-status: 1/2
        » occupation: 4/4
        » relationship: 0/2
        » sex: 0/1
        » hours-per-week: 5/7
        » native-country: 3/3

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: capital-loss
    » Threshold (l): 4
- Distinct l-diversity
    » Attribute: capitical-gain

» Threshold (l): 4
- Distinct l-diversity
    » Attribute: race
    » Threshold (l): 5
- k-Anonymity
    » Threshold (k): 30