Project

1. Properties
- Project
  - » Name: scenario*a*coarse
  - » 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: 3
  - » Minimum level: 0
  - » Maximum level: 2
- Generalization hierarchy
  - » Attribute: occupation
  - » Height: 4
  - » Minimum level: 0
  - » Maximum level: 3
- Generalization hierarchy
  - » Attribute: native-country
  - » Height: 3
  - » Minimum level: 0

» Maximum level: 2
- Generalization hierarchy
    - » Attribute: sex
    - » Height: 2
    - » Minimum level: 0
    - » Maximum level: 1
- Generalization hierarchy
    - » Attribute: hours-per-week
    - » Height: 5
    - » Minimum level: 0
    - » Maximum level: 4
- Generalization hierarchy
    - » Attribute: education-num
    - » Height: 4
    - » Minimum level: 0
    - » Maximum level: 3
- Generalization hierarchy
    - » Attribute: work-class
    - » Height: 3
    - » Minimum level: 0
    - » Maximum level: 2
- 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: 5
    - » Minimum level: 0
    - » Maximum level: 4

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: 0.06666666666666667
    » Journalist risk: 0.06666666666666667
    » Marketer risk: 0.06666666666666667

Output properties

1. Output data
- Data
    » Records: 32561
    » Attributes: 14
- Checksum
    » SHA-256:
      793974e777fe28e792ffd397893aff954eeea3e30ea5f1626ed5499ff20c600b

2. Solutions
- Search space
    » Size: 194400
    » Materialized: 50569

3. Transformation
- Transformation
    » Anonymity: Yes
    » Minimum information loss: 0.5146049816498872
    » Maximum information loss: 0.5146049816498872
        - Generalization scheme
            » age: 4/4
            » work-class: 2/2
            » education: 1/2
            » education-num: 2/3
            » marital-status: 1/2
            » occupation: 3/3
            » relationship: 0/2
            » sex: 0/1
            » hours-per-week: 2/4
            » native-country: 1/2

4. Data quality model
- Loss
    » Aggregate function: Geometric mean
    » Monotonic: No
    » Generalization factor: 1.0
    » Suppression factor: 1.0

5. Privacy models
- k-Anonymity
    » Threshold (k): 15
- 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