Project

1. Properties
- Project
  - » Name: scenario*b*detailed
  - » Description: Not specified

Input specification

1. Input data
- Data
  - » Records: 32561
  - » Attributes: 15

2. Attributes and transformations
- Insensitive attributes
  - » income: String
- Sensitive attributes
  - » None
- Identifying attributes
  - » None
- Quasi-identifying attributes
  - » capital-loss: Integer
  - » education: String
  - » occupation: String
  - » race: String
  - » native-country: String
  - » capitical-gain: Integer
  - » sex: String
  - » hours-per-week: Integer
  - » fnlwgt: Integer
  - » education-num: Integer
  - » work-class: String
  - » marital-status: String
  - » relationship: String
  - » age: Integer
- Response variables
  - » None
- Generalization hierarchy
  - » Attribute: capital-loss
  - » Height: 6
  - » Minimum level: 0
  - » Maximum level: 5
- 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: race
  - » Height: 2
  - » Minimum level: 0
  - » Maximum level: 1
- Generalization hierarchy
  - » Attribute: native-country
  - » Height: 4
  - » Minimum level: 0
  - » Maximum level: 3
- Generalization hierarchy
  - » Attribute: capitical-gain
  - » Height: 7
  - » Minimum level: 0
  - » Maximum level: 6
- 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: fnlwgt
  - » Height: 6
  - » Minimum level: 0
  - » Maximum level: 5
- 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
    » income: 0.5
    » capital-loss: 0.5
    » education: 0.5
    » occupation: 0.5
    » race: 0.5
    » native-country: 0.5
    » capitical-gain: 0.5
    » sex: 0.5
    » hours-per-week: 0.5
    » fnlwgt: 0.5
    » education-num: 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: 0.2
    » Journalist risk: 0.2
    » Marketer risk: 0.2

Output properties

1. Output data
- Data
    » Records: 32561
    » Attributes: 15
- Checksum
    » SHA-256:
    eef375cdd26172fa0f798164ee638c9bf170c02fe271d21a1ebab5e3bee6745e

2. Solutions
- Search space
    » Size: 1393459200
    » Materialized: 8739

3. Transformation
- Transformation
    » Anonymity: Yes
    » Minimum information loss: 0.5000877657024934

» Maximum information loss: 0.5000877657024934
- Generalization scheme
  » age: 7/7
  » work-class: 3/3
  » fnlwgt: 5/5
  » education: 0/4
  » education-num: 0/5
  » marital-status: 0/2
  » occupation: 2/4
  » relationship: 0/2
  » race: 1/1
  » sex: 0/1
  » capitical-gain: 4/6
  » capital-loss: 5/5
  » hours-per-week: 7/7
  » 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
- k-Anonymity
  » Threshold (k): 5