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Towards a respondent-preferred k_i -anonymity model

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Introduction

- In this paper, we introduced the concept of k_i -anonymity that allows respondents to choose their preferred anonymous protection level before submitting data to an agency.
- Our protocol ensures that the respondents achieve their preferred k_i -anonymity before the data is submitted, and that the usefulness of the collected data (i.e., the data utility) can be guaranteed.
- At the end of data collection, the data released for each respondent will achieve k_i -anonymity.

Workflow of the proposed solution

