Blockchain-Based Privacy Management System Leveraging Blockchain for Differential Privacy

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Project Objective

The project aims to leverage on the decentralized nature of blockchain to improve the efficiency of differential privacy. By providing a secured storage for past query responses, it allows for previously generated Gaussian noise to be reused, decreasing the differential privacy cost. This will allow the privacy budget to be exhausted at a slower rate and the number of queries that analysts can make will increase significantly.





