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(57) Abstract :

Embodiments of the present disclosure relates to a system (100) and method (300) for differential private aggregation of data in a star topology. The system comprises a processor (202) coupled to a memory (204). The memory (204) stores processor-executable instructions. The processor (202) is configured to add a level of noise to the data for masking patterns in the data. Further, the processor (202) is configured to shuffle the data for concealing sensitive information. Next, the processor (202) is configured to modify the data for obfuscation of the data. In the end, the processor (202) is configured to release the modified data.

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