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A survey of real-time approximate nearest neighbor query over streaming data for fog computing

Xiaohui Jiang, Peng Hu, Yanchao Li, Chi Yuan, Isma Masood, Hamed Jelodar, Mahdi Rabbani, Yongli Wang

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#### Highlights

- We summarized ANN query technology with random hash, learning-to-hash and synopses.
- We analyzed the challenges of real-time ANN query over streaming data.
- Method of query, dimension reduction and encoding on Internet of Data are discussed.
- Also the future research directions of ANN query framework and others are included.

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