

## **My understanding of the differences between the CS and the statistical approach to data confidentiality**

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Research on data confidentiality and data privacy has a long tradition both in Computer Science and in Statistics. But although many interesting methods to tackle the problem evolved in both areas, there has been little exchange of ideas between the two disciplines. Only recently awareness is growing that both disciplines might benefit from the different approaches to deal with the problem.

In this talk, I will provide a brief summary of the aspects of the statistical and the Computer Science approach to data confidentiality and highlight some of the major differences between the two concepts. I will also provide some general thoughts about the current concepts for data protection.