

## Data Streams Algorithms And Applications

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The applications for this scenario include IP network traffic analysis, mining text message streams and processing massive data sets in general. Researchers in Theoretical Computer Science, Databases, IP Networking and Computer Systems are working on the data stream challenges.

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The applications for this scenario include IP network traffic analysis, mining text message streams and processing massive data sets in general.Data Streams surveys the emerging area of algorithms for processing data streams and associated applications.

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The applications for this scenario include IP network trafic analysis, mining text message streams and processing massive data sets in general. Researchers in Theoretical Computer Science, Databases, IP Networking and Computer Systems are working on the data stream challenges. This article is an overview and survey of data stream algorithmics and is an updated version of [173].

### ~~Data Stream: Algorithms and~~

We study the emerging area of algorithms for processing data streams and associated applications, as an applied algorithms research agenda. We begin with three puzzles. 1.1 Puzzle 1: Finding Missing Numbers Let  $\pi$  be a permutation of  $\{1, \dots, n\}$ . Further, let  $\pi$  be  $\pi$  with one element missing. PaulshowsCarole $\pi$  in increasing order i. Carole's

### ~~Data Streams: Algorithms and Applications~~

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From Wikipedia: 'A streaming algorithm is a method of managing a ow of data by examining arriving items once and then discarding them. The benet of a streaming algorithm is that it can be used to manage data that is continuously generated and and where the total volume is extremely large, even if the volume is too large for memory.'

### ~~Data Streams: Algorithms and Applications~~

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