

Summary then made
an overview of the
summarystore.



This article written by Nitin Agrawal and Ashish Vulimir and the paper written for Samsung research. They build a real time store called SummaryStore which can support large volumes of time series data and analytics also. They successfully used SummaryStore in a real-world application which monitor and detect the traffic of the internet. Firstly, the authors of the paper made an introduction of the paper. Secondly, they present the reasons building stores for temporal analytics and then made an overview of the SummaryStore. Finally, they present the connection with the real time application and the implementation plan.

Novel idea and Problem The novel idea behind SummaryStore is that can contribute summaries in real time with abstraction of presenting data streams by using an ingest algorithm in order to arrange estimation of failures and approximate answers with machine learning and analytics.

The problems that the paper and the challenges that faced are that despite the fact that large scale of data lead to powerful analysis but the storage systems 'suffered'. Contributions The authors of the paper refer many contributions in the paper. First of all, according to the authors SummaryStore provide time-decayed a new novel abstraction of summarizing data and present them. Secondly, in order to have this abstraction according to the paper they used an algorithm to make more effective the range of queries. Furthermore, in order to detect failures and estimations they are using the methods of machine learning and analytics. In addition, they created a mechanism to integrate data for answering on some queries that they want to have an answer. Finally, the SummaryStore, it uses some techniques to create the best answer for this question, which are not used

before and they connect SummaryStore with a real-world application which monitor and detect the traffic of the internet.

Flaws In my opinion is a wellwritten article with a very good structure. The authors of the paper numbering their figures and describe them in order to help the reader. In my opinion, despite the fact that is a new topic in the research, authors could be better present the challenges of the paper. The paper in my opinion provides a good description about the SummaryStore.

Also provides a detailed discussion about the implementation and principles and the graph elements. Finally they refer at the end to the future work to the topic and that is very important. Michalis Pingos