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Editorial

The present issue has the following research. In the opening paper on “**New Data Warehouse Designing Approach Based on Principal Component Analysis**” the authors *Wafa Tebourski, Wahiba Karaa* and *Wahiba Karaa* have proposed an approach to design and to construct data warehouses based on a descriptive statistics technique for the analysis of multidimensional data in the Principal Components Analysis. They tested it using a case study and came up with the inferences which lead to provide a conceptual model data warehouse, and an algorithm for the determination of measures and dimensions.

In a paper on “**Churn Analysis**” the authors *Navid Forhad, Md. Shahriar Hossain, Rashedur Rahman* and *Matin* have first highlighted the problems of churners. In companies some customers become churners who can be predicted using predictive analysis. The authors in this paper have predicted whether a customer will churn in the near future or not based on the predictive analysis using billing data of a telecom company.

In the last paper on “**The Impact of Sections Headings on the Document Retrieval**” the authors *Belkacem ABDELLI, Okba KAZAR* and *Jean-Marie PINON* have provided a prototype for indexing using titles of documents. They in this work use the hierarchy of section headings for return the most relevant element of the XML document, and not the entire document. The findings generate more interest and pave the way for future research.

Editors