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# NoSQL document databases: display storage

data with reference to data from the sensor

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*Content* - **When selecting and designing appropriate data model, it is necessary inter alia to take into account inherent structure of the data. The sensor data in this sense really specific, seeking models in which the nature of these Data will be presented in the best possible way, especially in the context of the needs of their integration with other data. The Work will be represented by the concept of data warehousing Document-oriented, and one way of storing sensor data based on documents - using NoSQL document database MongoDB.**

***Keywords -NoSQL document database; MongoDB; time series data; sensor data;***

## I. INTRODUCTION

Long period of many professional careers in the field of development software, relational databases have been implied choice, professional approach to the problem of placing data. the questionis In fact for any database, or for any manufacturers to decide. With its long and proven series of business analysis in its essence is not a new movement. what is new is the ability to collect and analyze huge the amount of data time series, super high speed to get the clearest picture of the context prediction. the goal of the therefore predict future market changes, behavior users, environmental conditions and the environment, use resources, health trends and much, much more.

This paper will show the conceptual basis NoSQL databases, with a focus on solutions based on documents, the test examples using representative representatives of the document database MongoDB. Extra emphasis is given to the possibility and the option of presenting data time series, the illustrative example of representation and storage of data from the sensor.

## II. N o SQL DATABASE

NoSQL includes a wide variety of technology databases and was created and developed in response to the ubiquitous, significant