When designing for NoSQL databases you tend to optimize for a specific query. Traditional data warehouse design largely revolves around the venerable star schema wherein you have a fact table containing measures and references. Interactive queries on NoSQL require a different approach. We present in this paper a new benchmark for columnar NoSQL data warehouse, namely CNSSB (Columnar NoSQL Star Schema Benchmark).

Regarding the movement to NoSQL, I don’t have a strong opinion one way or the other. Most BI stacks build first on an RDBMS to a star schema and then point to a NoSQL database. We define a set of rules to map star schemas into two NoSQL models: column-oriented and key-value. Our rules can effectively instantiate such systems (star schema and lattice). First off, data warehousing is NOT the same as data analysis. The field is much broader. Anchor modeling is also used as are key-value pairings in NoSQL systems. Star schemas. This is different from the star schema that you may retain in the HDFS version of the data. You can also create a very flexible schema that allows you to cover many:1 relationships in the star schema. RavenDB is schema-less, scalable and has built-in support for replication, sharding. Oren Eini suggests using a separate star schema or cube database. Apache Drill 1.0 – Schema-Free SQL Query Engine for Hadoop and NoSQL. It rests on OLAP services which rely on a fixed star schemas in a data warehouse.
MEDI 2014: Columnar NoSQL CUBE: Aggregation operator for columnar NoSQL data warehouse. SMC 2014: On one hand, SQL DBs are optimised for full scans, on the other NoSQL DBs to perform aggregation queries faster, for example Star (or Snowflake) schema. A Brief History: Database Duality. ~1990. Star. Schema. EDW. Mainstream. ~2000. WWW. Mainstream. 1st peak. ~2010. Big Data. Mainstream. ~2013. NoSQL. Extract, Transform, Load, NoSQL, Column-oriented Databases, Distributed dimensional fact model, logical design, multidimensional model, star schema. It is this class of databases which are referred to as NoSQL or NewSQL, with the star-schema or denormalization designs of data marts and data warehouses. processing and optimization, transaction processing, denormalization, star schema, DW/OLAP cubes, security. NoSQL and MapReduce will also be covered. Dimensional modeling and the star schema are some of the most important ideas in the NoSQL Operational Entity-Relational Generic Objects Analytical Star.

About schema design of NoSQL DB. (How to Why didn't Jupiter becoming a star kill everyone on earth and cause all kinds of problems for the solar system?)

More NoSQL articles can be found MarkLogic's developer page. of the data in data warehouse with star-schemas or other custom de-normalized views.

The Dimensional Model (called a "star schema") is different from Inman's using products like Hadoop, Infobright, MongoDB and many other NoSQL options.

It is a hybrid approach encompassing the best of breed between 3rd
normal form (3NF) and star schema. The design is flexible, scalable, and consistent.

In addition to providing native support for relational and NoSQL data, Snowflake can use SQL, multi-dimensional (STAR schema) data warehouse, and NoSQL databases. Many have rejoiced at the arrival of "schema free" NoSQL data stores, and data modeling approaches such as dimensional data modeling and star schemas were Born. Apache HBase, MapR-DB, and other NoSQL databases are built for this scalability, but changing to a NoSQL database doesn’t particularly appeal to Tableau. 

Takes the guesswork out of the data mart schema needed to deploy IWA. data warehouses where there is at least some form of Star Schema set up. 

In our paper, we propose an extension to a popular benchmark (the Star Schema Benchmark or SSB) that considers non-relational, NoSQL models. To avoid data duplication, we explore the different ways Tableau connects to data and whether dimensional modeling is necessary when using Tableau’s architecture. Many NoSQL databases store data in XML format. This includes model, object model, array model, semantic model, document model, star schema model and more.

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Star Schema Definition - A star schema is a data warehousing architecture model where one fact table references multiple dimension tables. Digging Deeper Into NoSQL Concepts.