



Data Analysis and OLAP

- **Online Analytical Processing (OLAP)**
 - Interactive analysis of data, allowing data to be summarized and viewed in different ways in an online fashion (with negligible delay)
- We use the following relation to illustrate OLAP concepts
 - *sales (item_name, color, clothes_size, quantity)*

This is a simplified version of the *sales* fact table joined with the dimension tables, and many attributes removed (and some renamed)