Online Analytical Processing Operations

- **Pivoting:** changing the dimensions used in a cross-tab
  - E.g. moving colors to column names

- **Slicing:** creating a cross-tab for fixed values only
  - E.g fixing color to white and size to small
  - Sometimes called **dicing**, particularly when values for multiple dimensions are fixed.

- **Rollup:** moving from finer-granularity data to a coarser granularity
  - E.g. aggregating away an attribute
  - E.g. moving from aggregates by day to aggregates by month or year

- **Drill down:** The opposite operation - that of moving from coarser-granularity data to finer-granularity data