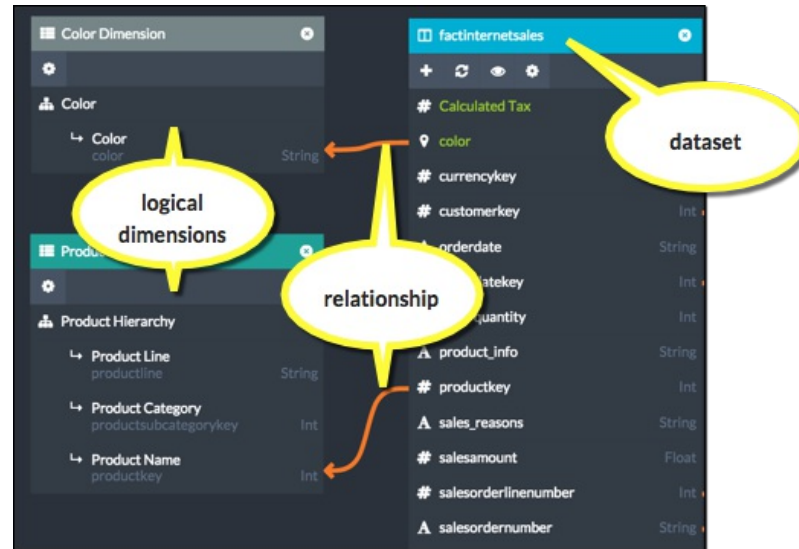


# Model A Relationship

In an AtScale cube, you don't model relationships directly between two datasets - you create relationships between a dataset and a logical dimension. A dimension is not considered part of a cube until it has a relationship to the fact data of the cube (either directly or indirectly).



You define a relationship by dragging the foreign key column from a **dataset** on top of the level of a logical **dimension**. When you do this, the Design Center indicates the quality of a join with the hierarchy levels in all of the dimensions that are currently visible on the canvas.

- ▲ Levels that would produce joins of high quality (e.g., the datatypes of the foreign key column and the level are identical) are highlighted in green.
- ▲ Levels that would produce joins of medium quality (e.g., the datatypes of the foreign key column and the level are compatible, though not identical) are highlighted in yellow.
- ▲ Levels that would produce joins of poor quality (e.g., the datatypes of the foreign key column and the level are incompatible) are highlighted in red.