**Fact Tables**

1. **fact\_transaction** (Sales Transactions)
   * Contains sales data, including order details, product information, pricing, and discounts.
   * Key fields: order\_id, line\_id, sku\_id, pos\_site\_id, fscldt\_id, sales\_units, sales\_dollars, discount\_dollars.
2. **fact\_averagecost** (Product Costs)
   * Stores the average cost of products over time.
   * Key fields: fscldt\_id, sku\_id, average\_unit\_standardcost, average\_unit\_landedcost.

**Dimensions Tables**

1. **Dim\_date** (Calendar)
   * Maps fiscal dates to different fiscal periods.
   * Key fields: fscldt\_id, fsclmth\_id, fsclyr\_id, date.
2. **dim\_hldy** (Holidays)
   * Defines various holidays.
   * Key fields: hldy\_id, hldy\_label.
3. **dim\_inv\_loc** (Inventory Locations)
   * Describes inventory locations and their types.
   * Key fields: loc, loctype.
4. **dim\_inv\_status** (Inventory Status)
   * Represents the status of inventory (e.g., in-transit, on-order).
   * Key fields: code\_id, bckt\_id, ownrshp\_id.
5. **dim\_site** (Point-of-Sale Sites)
   * Defines different sales channels.
   * Key fields: site\_id, chnl\_id.
6. **dim\_price\_state** (Price States)
   * Represents pricing states such as full price or markdowns.
   * Key fields: substate\_id, state\_id.
7. **dim\_item** (Products)
   * Contains product information, including categories and departments.
   * Key fields: sku\_id, stylclr\_id, styl\_id, subcat\_id, dept\_id.
8. **dim\_retail\_loc** (Retail Locations)
   * Represents store locations, districts, and regions.
   * Key fields: str, dstr, rgn.

ER Diagram

A diagram of a computer program

AI-generated content may be incorrect.