

Sales Cube Schema

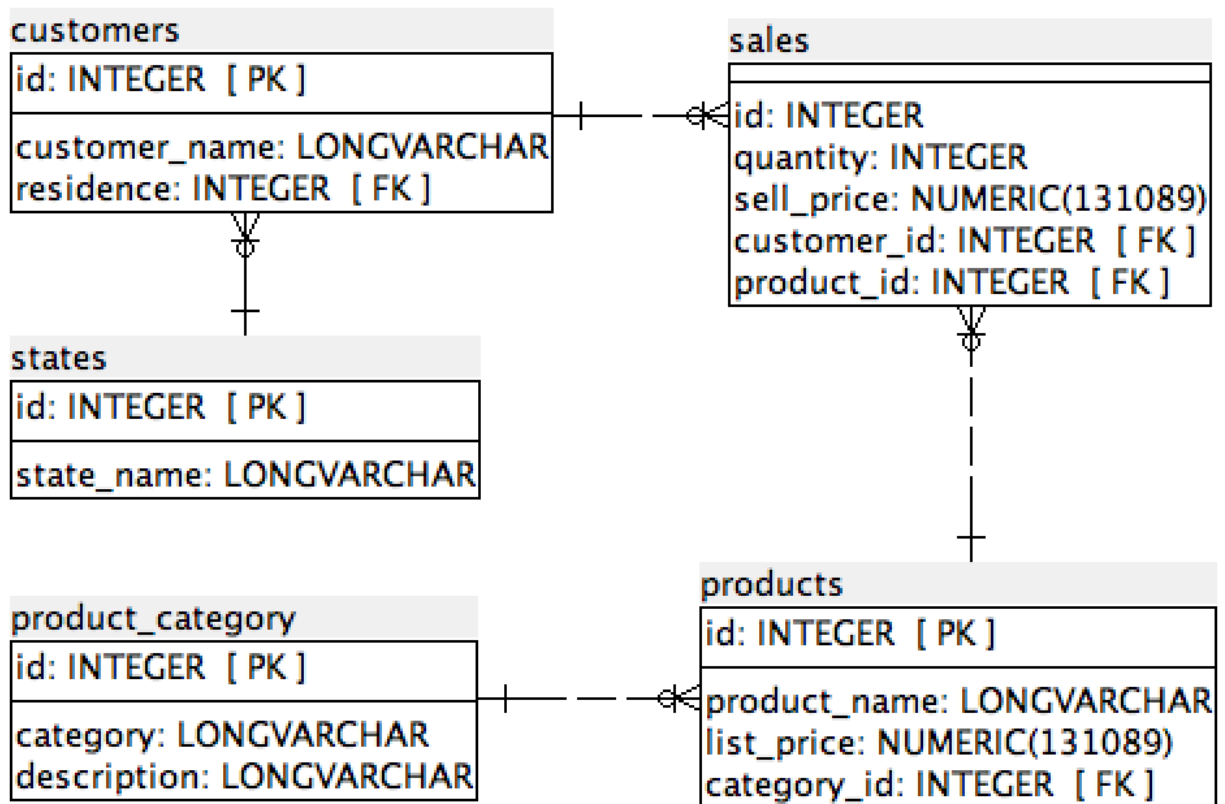
```
CREATE TABLE states (  
    id                SERIAL PRIMARY KEY,  
    state_name        TEXT NOT NULL  
);
```

```
CREATE TABLE customers (  
    id                SERIAL PRIMARY KEY,  
    customer_name     TEXT NOT NULL,  
    residence         INTEGER REFERENCES states (id)  
);
```

```
CREATE TABLE product_category (  
    id                SERIAL PRIMARY KEY,  
    category          TEXT NOT NULL,  
    description       TEXT  
);
```

```
CREATE TABLE products (  
    id                SERIAL PRIMARY KEY,  
    product_name      TEXT NOT NULL,  
    list_price        NUMERIC,  
    category_id       INTEGER REFERENCES product_category (id)  
);
```

```
CREATE TABLE sales (  
    id                SERIAL,  
    quantity          INTEGER NOT NULL,  
    sell_price        NUMERIC NOT NULL,  
    customer_id       INTEGER REFERENCES customers (id) NOT NULL,  
    product_id        INTEGER REFERENCES products (id) NOT NULL  
);
```

Sales Cube ERD

201 Cats Schema

```
CREATE TABLE users (  
    id                SERIAL PRIMARY KEY NOT NULL,  
    user_name         TEXT NOT NULL,  
    facebook_login    TEXT NOT NULL  
);  
  
CREATE TABLE friends (  
    id                SERIAL,  
    user_id           INTEGER REFERENCES users (id) NOT NULL,  
    friend_id         INTEGER REFERENCES users (id) NOT NULL  
);  
  
CREATE TABLE videos (  
    id                SERIAL PRIMARY KEY NOT NULL,  
    video_name        TEXT  
);  
  
CREATE TABLE likes (  
    id                SERIAL,  
    user_id           INTEGER REFERENCES users (id) NOT NULL,  
    video_id          INTEGER REFERENCES videos (id) NOT NULL,  
    time_liked        TIMESTAMP NOT NULL  
);  
  
CREATE TABLE views (  
    id                SERIAL,  
    user_id           INTEGER REFERENCES users (id) NOT NULL,  
    video_id          INTEGER REFERENCES videos (id) NOT NULL,  
    time_watched      TIMESTAMP NOT NULL  
);  
  
CREATE TABLE log_ins (  
    id                SERIAL PRIMARY KEY,  
    user_id           INTEGER REFERENCES users (id) NOT NULL,  
    time_logged_in    TIMESTAMP NOT NULL  
);  
  
CREATE TABLE suggestions (  
    id                SERIAL,  
    video_id          INTEGER REFERENCES videos (id) NOT NULL,  
    log_in_id         INTEGER REFERENCES log_ins (id) NOT NULL  
);
```

201 Cats ERD