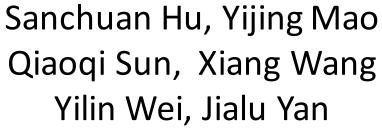
Final Project

Platform of Walmart





Dec. 3rd, 2014

Why Walmart?

- Large retail corporation
- Typical online store
- Large number of users
- Complete functional website





Why These Functions Important?

Register

Track order

Change address

Search

Find my local store

Trends

Select one category from one department

Multiple filters

Store availability

Price: low to high

Customer information

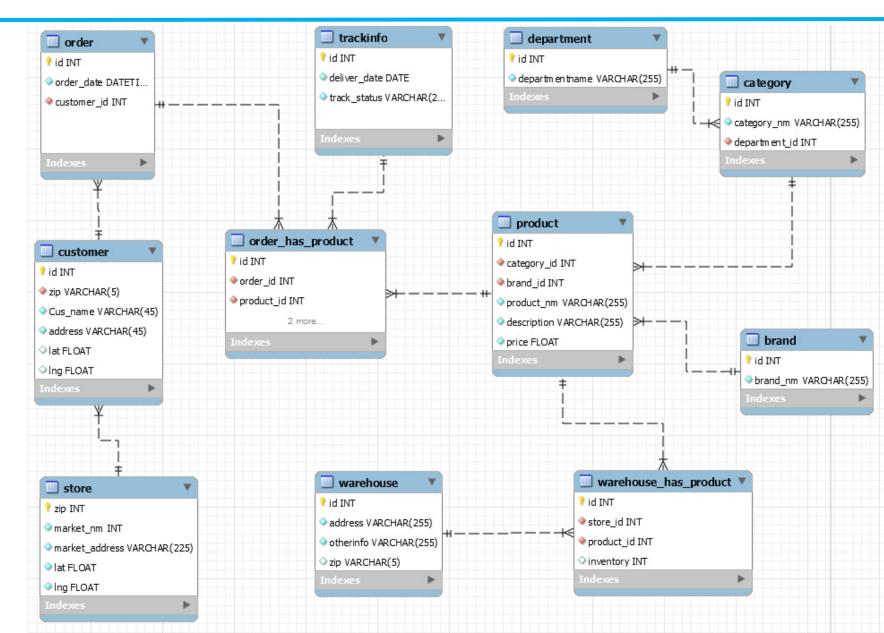
Customer service

Easier to shopping online

Product information



ER Model





Create Tables

```
create database if not exists walmart;
      use walmart;
     create table ordernum (id int(4) not null, customer_id int not null, order_date datetime not null);
 5 ● ☐ create table customer (id int not null, zip varchar(5) not null, cus name varchar(45) not null,
          address varchar(100) not null, lat float, lng float);
     create table trackinfo (id int not null, deliver date date not null, track status varchar(255) not null);
8 • 🗖 create table order has product (id int not null, order id int not null, product id int not null,
          trackinfo id int not null, quantity int);
10 ● ☐ create table store (zip varchar(5) not null, market nm int not null, market address varchar(255) not null,
          lat float not null, lng float not null);
      create table department (id int not null, departmentname varchar(255));
      create table category (id int not null, category nm varchar(255) not null, department id int not null);
14 • □ create table product (id int not null, category id int not null, brand id int not null, product nm varchar(255)
          not null, description varchar(255) not null, price float not null);
      create table brand (id int not null, brand nm varchar(255) not null);
17 • create table warehouse_has_product (id int not null, store_id int not null, product_id int not null, inventory int);
      create table warehouse (id int not null, address varchar(255) not null, otherinfo varchar(255) not null, zip varchar(5));
```



- Register
- Track order
- Search
- Find my local store
- Trends
- Change address
- Select one category from one department
- Store availability
- Price: low to high
- Multiple filters



```
3. 1. 2.

Gift Cards → FRegistry → ELists → Weekly Ads Store Finder → Track Order Walmart → Search

All Search

All Search
```

- INSERT INTO customer
 values (40007, '07310','Jane', '185 12th St Jersey City, NJ', 40.7296379,-74.0409819);
- SELECT ordernum.id, order_has_product.order_id, trackinfo.id, trackinfo.deliver_date,trackinfo.track_status

 FROM customer, ordernum, order_has_product, trackinfo

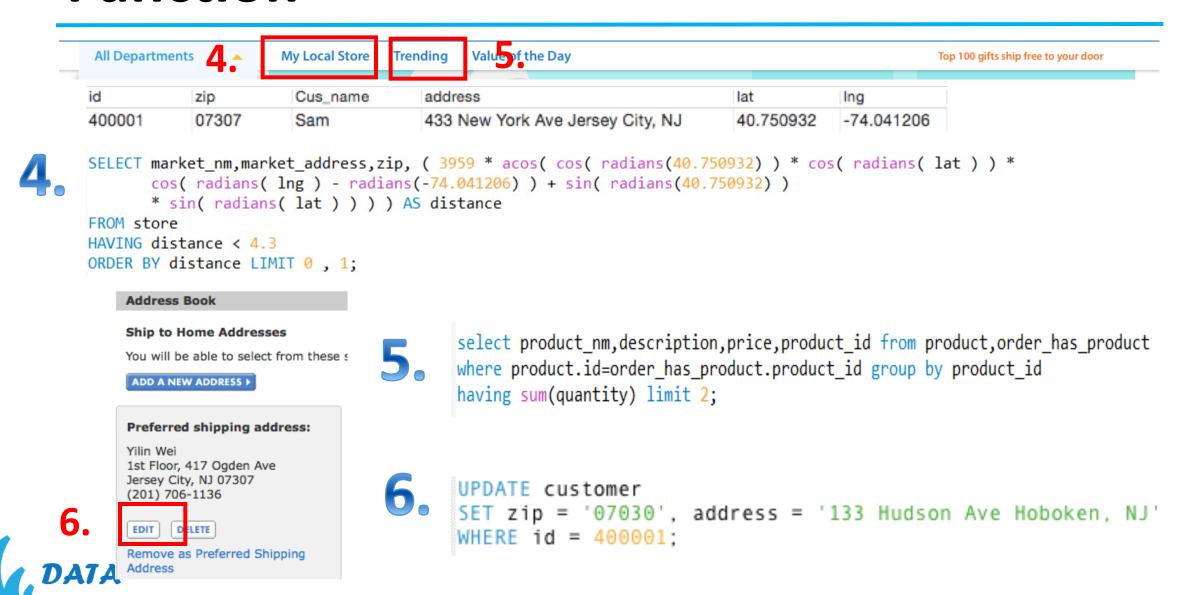
 WHERE customer.id = ordernum.customer_id and ordernum.id = order_has_product.order_id

 and order_has_product.id = trackinfo.id and customer.id = 400001;
- SELECT product_nm, description, price FROM product

 WHERE description like "%beef%" or product_nm like "%beef%";



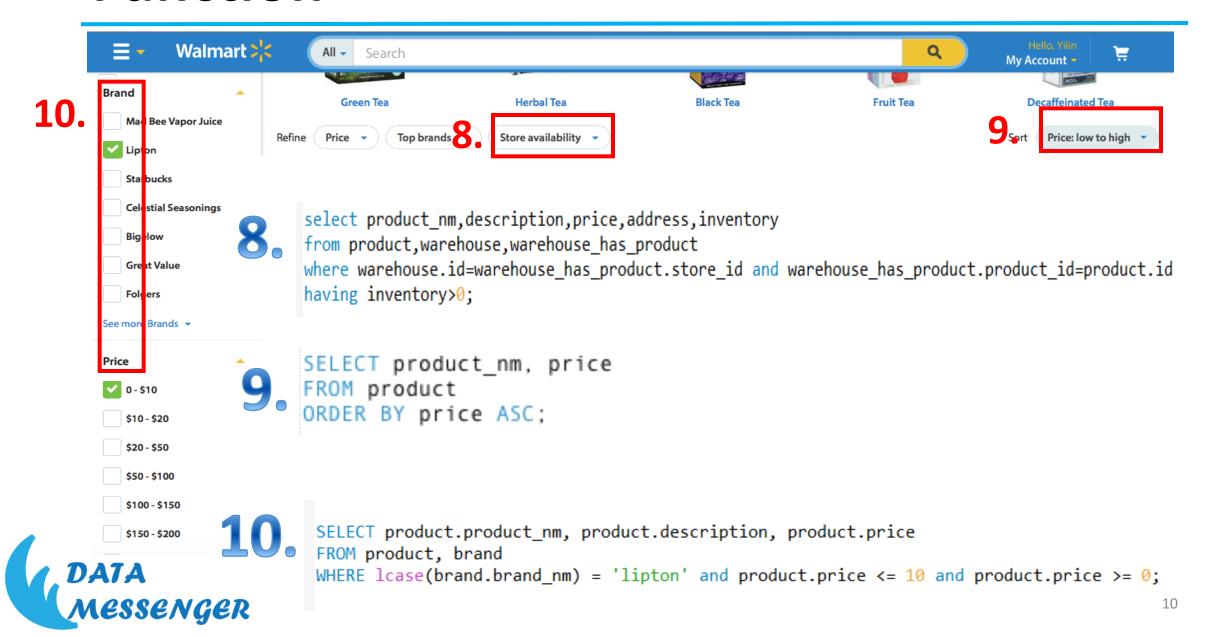
Messenger



All Departments My Local Store **Early Bird Online Specials** Food > Electronics & Office Baking Movies, Music & Books Beverages Home, Furniture & Patio Breakfast & Cereal Food, Household & Pets Candy Clothing, Shoes & Jewelry Canned Goods & Soups Coffee & Tea Baby & Kids Condiments, Sauces, & **Toys & Video Games** Spices Sports, Fitness & Outdoors **Emergency Food** Auto & Home Improvement Fresh Food Photo & Gifts Food Gifts Pharmacy, Health & Beauty Frozen Foods **Crafts & Party Supplies** Meal Solutions, Grains & Pasta See All Departments Snacks, Cookies & Chips

select category_nm,departmentname
from category,department
where category.category_nm=department.id
having departmentname="beverages";





THANK YOU

