

Data Dictionary

Users:

Hold information about users of a companies product/service

```
user_id:
  serial, primary key

user_email:
  email of user, varchar, unique candidate key

password:
  password of user, varchar

first_name:
  first name of user, varchar

last_name:
  last name of user, varchar

street_address:
  address of user, varchar

city:
  city of user, varchar

state:
  state of user, varchar

zip_code:
  zip code of user, varchar
```

UserInterests

Holds information the interests of each user

`user_id:`
foreign key, composite key, integer from Users

`interest:`
Primary key, composite key, interest of user, varchar

Company

Holds information on a company

`company_id:`
serial, primary key

`company_name:`
name of company, varchar

`company_contact:`
name of contact in company, varchar

`company_contact_phone_nbr:`
phone number of our company contact, varchar

`company_contact_email:`
email of company contact varchar

`url:`
url of company, varchar, unique candidate key

Company Location

Hold information on a companies location

`company_id:`
foreign key, integer from company

`location_id:`
primary key, bigint

```
street_address:  
address of company, varchar  
  
city:  
city of company, varchar  
  
state:  
state of company, varchar  
  
zip_code:  
zip code of company, varchar  
  
phone_nbr:  
phone number of company, varchar
```

UserCompanyReview

Holds information on a users review of a company

```
company_id:  
foreign key, composite key, integer from company  
  
user_id:  
foreign key, composite key, integer from users  
  
rating_score:  
rating score of a company, decimal, accepts only numbers between 1 and 5  
(inclusive)  
  
comments:  
comments left on review, text
```

Item

Holds information on items, whether they be a service or a product

`item_id:`
primary key, varchar

`item_type:`
type of item being offered, varchar, either item or product

`item_name:`
name of item, varchar

`item_description:`
description of item, text

`item_price:`
price of item, decimal

`item_picture:`
picture of item, varchar

Discount

Holds information on discounts

`discount_id:`
primary key, bigint

`discount_type:`
type of discount, varchar, either freebie, percentage coupon, fixed coupon, or other

`discount_amount:`
how much of a discount, decimal

`discount_description:`
description of discount, text

`discount_start_date:`
start of discount, date

discount_end_date:
end of discount, date

UserCheckin

Holds the checkin information of users

checkin_id:
primary key, bigint

checkin_date:
date of checkin, date

user_id:
foreign key, integer from users

company_id:
foreign key, integer from company

item_id:
foreign key, varchar from item

discount_id:
foreign key, integer from discount

Employee

Holds information on employees

employee_id:
primary key, bigint

email:
email of employee, varchar, unique candidate key

first_name:
first name of employee, varchar

last_name:
last name of employee, varchar

job_category:
job category of employee, varchar

salary:
salary of employee, decimal

start_date:
start date of employee, date

street_address:
address of employee, varchar

city:
city of employee, varchar

state:
state of employee, varchar

zip_code:
zip code of employee, varchar

CompanyTransaction

Holds information on a companies transactions

transaction_id:
primary key, bigint

transaction_date:
date of transaction, date

charge_type:
charge type of transaction, varchar, can be either annual fee or checkin fees

transaction_amount:
amount from transaction, decimal

```
surcharge:
surcharge of transaction, decimal

total_charge:
total charge of transaction (amount + surcharge), decimal

is_paid:
If someone/something is paid, boolean

paid_date:
date of being paid, date

company_id:
foreign key, integer from company
```

CompanyTransactionCheckin

hold information on the checkin charge from companies

```
transaction_id:
foreign key, composite key, integer from company transaction

checkin_id:
foreign key, composite key, integer from usercheckin

checkin_charge
charge of checkin, decimal
```

CompanyItem

Holds information on items from companies

```
company_id:
foreign key, composite key, integer from company

item_id:
foreign key, composite key, varchar from companyitem
```

`is_discounted:`

If an item is discounted (true or false), boolean

`discount_id:`

foreign_key, integer from discount

UserLocationPreference

Holds the location preference of users

`user_id:`

foreign key, composite key, integer from users

`preference_location_city:`

users preferred city, composite key, varchar

`preference_location_state:`

users preferred state, composite key, varchar

UserItemPreference

holds the item preferences of users

`user_id:`

foreign key, composite key, integer from users

`item_id:`

foreign key, composite key, varchar from item

UserCompanyPreference

Holds the company preference of users

`user_id:`

foreign key, composite key, integer from users

preference_company_id:

foreign key, composite key, integer from company