Member\_id (int) \*

group\_id (int) \*

bio (text)

city (text)

country (text)

hometown (text)

member\_name (text)

Joined (epoch time)

State (text)

zip

Object

Primarykey

Parent

Children

Table type

\*=foreign key

Object

Event/ Relationship

topic\_id (int)

member\_id (int) \*

description (text)

topic\_name (text)

urlkey (text)

Groups\_id (int) \*

group\_name (text)

category\_Id (int) \*

Cityid (int) \*

created\_time (epoch time)

description (text)

Group\_photoid (int)

link (text)

members (int)

organizerid (int) \*

state (text)

Object/ Relationship

City

city\_id (int)\*

cityname (text)

country (text)

distance (int)

member\_count (int)

ranking (float)

state (text)

zip (int)

Event\_id (int)

Created\_date (text)

Description (text)

Event\_name (text)

Duration (int)

event\_url (text)

fee\_amount (int)

currency (text)

event\_status (text)

event\_time (text)

venue\_id (int) \*

visibility (text)

waitlist\_count (int)

Groupid (int) \*

Event

Category\_Id (int) \*

Category\_name (text)

Shortname (text)

Sort\_name (text)

Category

Venue

venue\_id (int) \*

venue\_name (text)

Address (text)

city (text)

country (text)

distance (int)

rating (float)

normalised\_rating (float)

rating\_count (int)

state (text)

zip (int)

Object

Object

Object

Topic

Member

Groups

2\ I found Meet\_up apps data on *Kaggle* (https://www.kaggle.com/sirpunch/meetups-data-from-meetupcom). There are 9 CSV files.

3\ Q&A

1、Which category has the longest event?

﻿

SELECT Category\_name from Category JOIN Groups on Category.Category\_id=Groups.category\_id

JOIN Events on Events.group\_id=Groups.Groups\_id ORDER by Duration DESC LIMIT 1

|  |
| --- |
| Career & Business |

2、What is the groups organizers of the most expensive event?

﻿SELECT member\_name from members JOIN Groups on Members.member\_id = Groups.organizerid

JOIN Events on Events.group\_id=Groups.Groups\_id Order by fee\_amount DESC LIMIT 1

|  |
| --- |
| Scott Eisenberg |

3、Which topic has the most members?

﻿SELECT count(members.member\_id) FROM members JOIN Topic on members.member\_id= Topic.member\_id

group by topic\_id order by count(members.member\_id) DESC limit 1

|  |
| --- |
| 66 |

4、List the cities with top 5 number of groups.

﻿SELECT cityname, count(groups.groups\_id) as count from cities JOIN Groups on cities.city\_id=Groups.Cityid

GROUP by Cityid order by count DESC LIMIT 5

|  |  |
| --- | --- |
| New York | 8565 |
| San Francisco | 4555 |
| Chicago | 3168 |
| South San Francisco | 19 |
| West New York | 11 |