A database of Climbs for a mountaineering club.

1. First we define the objects.

Based on the given description, we can identify the following entities:

Climbs, Climbers, Mountains, Climbing Routes, Countries, and Regions.

2. Move on to define attributes.

For each entity, the corresponding attributes must be defined:

Climbs - climb\_id, start\_date,end\_date

Climbers – climber\_id, name, address, phone\_number, email

Mountains - mountain\_id, name, height

Climbing routes – climbing\_route\_id, name, difficulty\_level, notes

Countries – country\_id, name

Regions – region\_id, name

3. Idnentify the Relationships

Climbers and ascents – a many-to-many relationship (Climber\_Climb)

Mountaines and climbing routes – a many-to-many relationship (Mountain\_ClimbingRoute)

Climbing routes and ascents – a many-to-many relationship (Climber\_Region).