Assignment #4
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AA Meeting Data Model

Address: Formatted Street Address (string)
NYC, NY Zip Code
Title of Meeting (string)
LatLong: Lattitude and Longitude (number)
Special Note on Directions

Wheelchair Accessible? (bolean)

Details (string)

Examples:
Non Smoking,
LGBT Focus (move?),
All Welcome,
Schedule changes,
Open on Holidays.

List of times
Day of Week (string)
Time (am/pm)

Meeting Type (specific to time)

(e.g., Big Book, Open, Closed, Step, Traditional, Beginner)

Special Interest (specific to time)

(e.g., Living Sober, Meditation, As Bill Sees It, Came to Believe, Steps 1-2-3, Men, Women, First Step, Promises)

Notes on the AA Meeting Data Model

I would create a Denormalized Model that would be organized with references. I believe the references would be Meeting Type, Speical Interest, and Wheelchair Accessibility. That means I would create a reference ID for each category in each (i.e., Meeting Type, Special Interest, and Wheelcahir Accessibility). Therefor I would embed information in each.

I did not use zones to structure the data because most people are not family with the zones created by AA and the LatLong information provides further assistance in locating the closest meeting.

I would describe the hierarchy by first focusing on the address (and other info). After address, the next level is meeting times (day and hour), and the third leve is meeting type and special interest. Other variables include Wheelchair accessibility & meeting notes.