Venue:

This script is using to generate data of this database in the venue table . To generate data of this table faker module of python scripts have been used. The venue_id is referencing the address table which is fetched in the beginning. venue_capacity an integer representing the maximum capacity of the venue, and venue_availability indicating whether the venue is currently available for booking. This table can be used to manage the availability and booking of venues for events.

Manager :

This script is using to generate data of this database in the manager table. It has multiple listings. That stores information about the managers of events. manager_id , manager_name, email_id a required varchar, ph_number a required varchar, experience_in_yrs an integer representing the years of experience, and salary a floating-point number representing the salary of the manager. This table can be used to store and manage information about the managers of events.

Event:

This script is using to generate data of this database in the manager table. The 'manager' table will also have a one-to-many relationship with the 'events' table, as one manager can manage multiple events. Each of their listings can be found here. The venue id of related event will be fetch here. This info is fetched prior to the looping using cur.execute(). The connection to the database is made with the help of psycopg2 module in python.

Participant:

This script is using to generate data of this database in the participant table. Data in this table is generated using the faker module in python It has multiple listings. participant-id uniquely identifies each participant in the table. On deletion of event_id in event table automatically event_id gets deleted in Participant table. This table used to store the details of participants randomly.

Registration:

This script is using to generate data of this database in the registration table. The 'registration' table will have a one-to-many relationship with both the 'participant' and 'events' tables, as one participant can register for multiple events, and one event can have multiple participants registered. It will fetch the details of an participant who registered for an event.

Payment:

This script is using to generate data of this database in the payment table. Details of those payments can be found here. Describes about the price of the event registered by participant. As one payment can be associated with one registration and one participant. This info is fetched prior to the looping using cur.execute(). The connection to the database is made with the help of psycopg2 module in python.