I am trying to build a database to record elections in Australia. Here are the tables presented in schema form:

**Database schemas**

TESTelectionMaster (electionSerialNo, electionDate, electionType, totalNumDivisions, totalRegVoters, lastDateToVoterRegister, lastDateCandidateNominate, lastDateToDeclareResult)

TESTelectoralDivision (divisionName, totalRegVoters, currMember)

TESTelectoralDivisionHistory (divisionName\*, electionSerialNo\*, historicRegVoters)

TESTelectionEvent (electionEventID\*, totalVoters, votesCast, votesReject, votesValid, electionSerialNo\*, divisionName\*, candidatePrefWinnerCandidateID\*, winnerTally, candidatePrefLoserCandidateID\*, loserTally)

TESTcandidateList (candidateID, candidateName, contactAddress, contactPhone, contactMobile, contactEmail, partyCode\*)

TESTcontests (electionEventID\*, candidateID\*)

TESTpoliticalParty (partyCode,partyName, partyLogo, postalAddress, partySecretary, contactPersonName, contactPersonPhone, contactPersonMobile, contactPersonEmail)

TESTvoterRegistry (voterID, firstName, middleName, lastName, Address, dateOfBirth , gender, residentUnitNumber, residentStreetNumber, residentStreetName, residentsuburb, residentPostcode, residentState, postalUnitNumber, postalStreetNumber, postalStreetName, postalSuburb, postalPostcode, postalState, daytimePhone , mobile, emailAddress, divisionName\*)

TESTballot (ballotID, electionEventID\*)

TESTballotPreferences (ballotID\*, candidateID\*, preference)

TESTIssuanceRecord (voterID\*, electionEventID\*, issueDate, timestamp, pollingStation)

TESTprefCountRecord (electionEventID\*, roundNo, eliminatedCandidateID\*, countStatus, preferenceAggregate)

TESTpreferenceTallyPerRoundPerCandidate (electionEventID\*\*, roundNo\*, candidateID\*, preferenceTally)

I have the records in TESTeventElection:

INSERT INTO TESTelectionEvent (

    electionEventID, totalVoters, votesCast, votesReject,

    votesValid, electionSerialNo, divisionName,prefWinnerCandidateID, winnerTally,

    prefLoserCandidateID, loserTally

) VALUES

(20220521, 10, 10, 0,

10,2,'Adelaide', 13321, 880,

17846,100);

(20220521, 10, 10, 0,

10,2,'Warbarton', 13321, 880,

17846,100);

Can you explain to me that while electionEventID is a primary key how there can be multiple records of the same value?

I need to generate 1000 records. Can you help me. Answer yes or no.

No I first want to provide information about what I want to generate. I want to generate data for TESTvoterRegistry. In my database I have 1000 voters (voterID). Each of the voters are in the following electoral divisions (divisionName): Adelaide, Aston, Ballarat, Banks, Barker, Barton, Bass, Bean, Bendigo, Bennelong, Berowra, Blair, Blaxland, Bonner, Boothby, Bowman, Braddon, Bradfield, Brand, Brisbane, Bruce, Burt, Calare, Calwell, Canberra, Canning, Capricornia, Casey, Chifley, Chisholm, Clark, Cook, Cooper, Corangamite, Corio, Cowan, Cowper Cunningham,Curtin,Dawson,Deakin,Dickson,Dobell,Dunkley,Durack,Eden-Monaro,Fadden,Fairfax,Farrer,Fenner,Fisher,Flinders,Flynn,Forde,Forrest,Fowler,Franklin,Fraser,Fremantle,Gellibrand,Gilmore,Gippsland,Goldstein,Gorton,Grayndler,Greenway,Grey,Griffith,Groom,Hasluck,Hawke,Herbert,Higgins,Hindmarsh,Hinkler,Holt,Hotham,Hughes,Hume,Hunter,Indi,Isaacs,Jagajaga,Kennedy,Kingsford Smith,Kingston,Kooyong,La Trobe,Lalor,Leichhardt,Lilley,Lindsay,Lingiari,Longman,Lyne,Lyons,Macarthur,Mackellar,Macnamara,Macquarie,Makin,Mallee,Maranoa,Maribyrnong,Mayo,McEwen,McMahon,McPherson,Melbourne,Menzies,Mitchell,Monash,Moncrieff,Moore,Moreton,New England,Newcastle,Nicholls,North Sydney,O'Connor,Oxley,Page,Parkes,Parramatta,Paterson,Pearce,Perth,Petrie,Rankin,Reid,Richmond,Riverina,Robertson,Ryan,Scullin,Shortland,Solomon,Spence,Sturt,Swan,Sydney,Tangney,Wannon,Warringah,Watson,Wentworth,Werriwa,Whitlam,Wide Bay,Wills,Wright

I need you to help me map out the best way to distribute the voters among the electoral divisions to make good sample data.

E.g.

Batch 1: voterID 1-20, electoralDivision: Adelaide

Batch 2: voterID: 20 -25, electoralDivision:Aston

# Generate 20 records based on the information provided.

* Fill in residentUnitNumber, residentStreetNumber, residentStreetName, residentsuburb, residentPostcode, residentState, postalUnitNumber, postalStreetNumber, postalStreetName, postalSuburb, postalPostcode, postalState, daytimePhone, mobile, emailAddress.
* Fill in divisionName based on electoral Divisions in Australia. These are:

Adelaide, Aston, Ballarat, Banks, Barker, Barton, Bass, Bean, Bendigo, Bennelong, Berowra, Blair, Blaxland, Bonner, Boothby, Bowman, Braddon, Bradfield, Brand, Brisbane, Bruce, Burt, Calare, Calwell, Canberra, Canning, Capricornia, Casey, Chifley, Chisholm, Clark, Cook, Cooper, Corangamite, Corio, Cowan, Cowper Cunningham,Curtin,Dawson,Deakin,Dickson,Dobell,Dunkley,Durack,Eden-Monaro,Fadden,Fairfax,Farrer,Fenner,Fisher,Flinders,Flynn,Forde,Forrest,Fowler,Franklin,Fraser,Fremantle,Gellibrand,Gilmore,Gippsland,Goldstein,Gorton,Grayndler,Greenway,Grey,Griffith,Groom,Hasluck,Hawke,Herbert,Higgins,Hindmarsh,Hinkler,Holt,Hotham,Hughes,Hume,Hunter,Indi,Isaacs,Jagajaga,Kennedy,Kingsford Smith,Kingston,Kooyong,La Trobe,Lalor,Leichhardt,Lilley,Lindsay,Lingiari,Longman,Lyne,Lyons,Macarthur,Mackellar,Macnamara,Macquarie,Makin,Mallee,Maranoa,Maribyrnong,Mayo,McEwen,McMahon,McPherson,Melbourne,Menzies,Mitchell,Monash,Moncrieff,Moore,Moreton,New England,Newcastle,Nicholls,North Sydney,O'Connor,Oxley,Page,Parkes,Parramatta,Paterson,Pearce,Perth,Petrie,Rankin,Reid,Richmond,Riverina,Robertson,Ryan,Scullin,Shortland,Solomon,Spence,Sturt,Swan,Sydney,Tangney,Wannon,Warringah,Watson,Wentworth,Werriwa,Whitlam,Wide Bay,Wills,Wright

Here is my table and data types:

CREATE TABLE TESTvoterRegistry (

    title VARCHAR(5),

    voterID INTEGER,

    firstName VARCHAR(60),

    middleName VARCHAR(60),

    lastName VARCHAR(60),

    gender VARCHAR(60),

    dateOfBirth DATE,

    residentUnitNumber VARCHAR(20),

    residentStreetNumber INTEGER,

    residentStreetName VARCHAR(60),

    residentSuburb VARCHAR(30),

    residentPostcode INTEGER,

    residentState VARCHAR(30),

    postalUnitNumber INTEGER,

    postalStreetNumber INTEGER,

    postalStreetName VARCHAR(60),

    postalSuburb VARCHAR(60),

    postalPostcode INTEGER,

    postalState VARCHAR(60),

    daytimePhone INTEGER,

    mobile VARCHAR(20),

    emailAddress VARCHAR(70),

    divisionName VARCHAR(50),

    PRIMARY KEY (voterID)

);

Can you create batch 1 – 7 based on the distribution generated?