

```
▼ View
```

▼ File (voter-turn...r-key).arr)

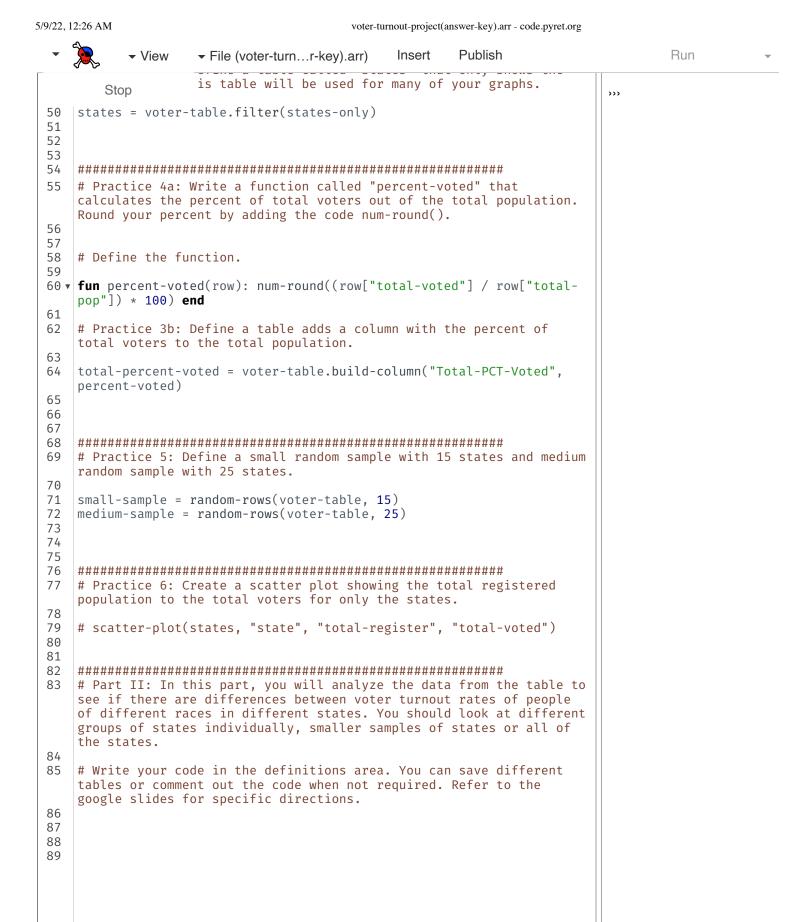
Insert

Publish

Run

```
ntials2021
       Stop
                                                                      >>>
 3
   include shared-gdrive("Bootstrap-DataScience-v1.5.arr",
 4
    "1btFfKCcas4zkQ6-SYCYMkcDCqmduzQqB")
    include gdrive-sheets
 5
    include tables
 6
 7
    include image
 8
 9
10
   voter-data-2020 = load-
    spreadsheet("1kSAXNDRTuQidwFuTGvQRMc7HtsIkczZGqG8q r4iZR0")
11 v voter-table = load-table: state, total-pop, total-citizen, total-
    register, total-voted, white-pop, white-register, white-voted,
    black-pop, black-register, black-voted, hispanic-pop, hispanic-
    register, hispanic-voted, asian-pop, asian-register, asian-voted
12
13
   source: voter-data-2020.sheet-by-name("Sheet1", true) end
14
15
16
    #Note: This dataset contains information about the total US
    population which can be used for comparison.
17
    #Part I: In this part of the project, you will practice writing
18
    functions and applying table methods using the voter-table.
19
    20
   # Practice 1: Look at the spreadsheet "voter-data-2020." Choose
21
    three states and define the rows below.
22
23
   #State #1:
24
   alabama = voter-table.row-n(1)
25
26
27
   #State #2:
28
   new-york = voter-table.row-n(33)
29
30
31
   #State #3:
32
33
    deleware = voter-table.row-n(8)
34
35
    36
37
    # Practice 2: Define a table called "population-sort" that sorts the
    table by total population starting with the greatest population.
38
39
    population-sort = voter-table.order-by("total-pop", false)
40
41
42
43
    # Practice 3a: Write a function called "states-only" that consumes a
44
    row and returns true if the population of the state is less than
    250,000.
45
46 v fun states-only(row): row["total-pop"] < 250000 end
47
   # Practice 3b: Define a table called "states" that only shows the
48
    states. Note: This table will be used for many of your graphs.
49
50
   states = voter-table.filter(states-only)
51
52
```

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