**Download a CSV file from one of the sites listed on one of the web pages shown below:**

<https://data.census.gov/table?q=All+Counties+within+United+States+and+Puerto+Rico+Populations+and+People&tid=PEPPOP2019.PEPANNRES>

[https://www.interviewqs.com/blog/free-online-data-sets](https://www.interviewqs.com/blog/free-online-data-sets" \t "_blank)

<https://www.springboard.com/blog/data-science/15-fun-datasets-to-analyze>

<https://www.interviewquery.com/blog-free-datasets>

**Dataset Information**

|  |  |
| --- | --- |
| URL | <https://www.fdic.gov/resources/resolutions/bank-failures/failed-bank-list/index.html> |
| File name and description | Banklist.csv |
| File format (comma or tab separated, fixed column width, or other) | .csv |
| Compression format (.zip, .gzip, .tar, etc.) | None. |
| Screenshot of first few records of uncompressed file in emEditor (free download available at Microsoft store) |  |
| A question about the data.   For example, if the file contains information about people (the IMdb file contains actors and their birth years) you could find out how many were born in 1990. | In which state have the most banks failed since a year from today? |
| You could write a C++ program with a struct that you define to hold various columns in the data. An easier route, many times, is to upload the file to a Cloud provider such as AWS and use online query tools—no programming required. COSN 251 “Databases in Amazon Web Services” is a class where you would learn to do that. | Write a struct for each bank’s data. Assign each struct as an element in an array. Iterate through the array. Count the number of times a state has a failed bank in 2023. I would probably make a map of all the states and the number of times they have had a failed bank. (I.e. map(state, numberOfFailedBanks)) |