This week’s data set has 5 requirements for getting a New York City taxi medallion, which is a transferable permit that allows taxicabs to operate.

The requirements are:

DEFENSIVE\_DRIVING: New York State certified 6-hour defensive driving course

DRIVER\_EXAM: 70% score required on final exam

DRUG\_TEST: must be taken at an approved facility. Nobody wants a driver under the influence.

MEDICAL\_CLEARANCE: drivers should pass a minimal health screening

WAV\_COURSE: Wheelchair Accessible Vehicle training

Polars is used to group the data by applicants who have completed 0, 1, 2, 3, 4, or 5 of these requirements. I wanted to see what is going on with applicants who completed 4 of the 5. Wondered which requirement is the last one for most. The dash bootstrap radio buttons provide the filter value for each displayed visualization.

When 0 is selected, all 5 bars are solid red, when 5 is selected all 5 bars are solid green. Here is the view of applicants who completed 4 of the 5 requirements. WAV\_COURSE was completed by 464 of 466 (maybe the easiest or quickest of the 5?), DRIVER\_EXAM was the most incomplete item of applicants with 4 of 5 requirements met.

A screenshot of a computer

AI-generated content may be incorrect.

I tried very hard to deploy this dashboard on pycafe, seems it is not set for directly using polars.

Here is the code: