Applicant Data Queries and results

1. SELECT id FROM applicants WHERE term='Fall 2025' ; 9335
    a. Provides a list of all applicants who applied in Fall 2025, I ran the length of the list to get the number of applicants.
2. SELECT id FROM applicants WHERE us_or_international = 'International' ; 50.64%
    a. Similarly provides a list of all international students, the length of this list divided by the total amount of applicants gave the percent
3. SELECT gpa FROM applicants WHERE gpa IS NOT NULL
    a. Made a list of all the gpas where they were provided. Averaged them for the average. I did not see any significant outliers
    b. I did the same thing for the GREs replacing gpa with each gre identifier
    c. GPA = 3.7175, GRE = 273.63, GREV = 158.856, GRE AW = 4.1931
4. SELECT gpa FROM applicants WHERE gpa IS NOT NULL AND us_or_international = 'American' AND term = 'Fall 2025' ; 3.7166
    a. Finds all GPAs provided where the term was Fall 2025 and the student was American. Run the average
5. SELECT status FROM applicants WHERE status LIKE 'Accepted%' AND term = 'Fall 2025’ ; 39.726%
    a. Found all accepted Fall2025 and divided by the number of fall 2025 from question 1.
6. SELECT gpa FROM applicants WHERE status LIKE 'Accepted%' AND term = 'Fall 2025' AND gpa IS NOT NULL ; 3.7262
    a. Really narrowed down where the GPA is being pulled from LIKE looks for similar parts in a string.
7. SELECT program FROM applicants WHERE degree = 'Masters' AND program LIKE '%Computer Science%' AND program LIKE '%Johns Hopkins%' ; 8
    a. Final time running length on a query. Very specific looking for masters as the degree option and using LIKE to look in the program for comp sci and JHU