

IBM Data Analyst

Mysql Session

Q1:Display the names and majors of all students whose GPA is above 3.5 and age is less than 22.

Q2:List all students ordered by GPA in descending order, and for students with the same GPA, order them by age ascending.

Q3:Find the average GPA of students in each major.

Q4:Find the average GPA and number of students for each major, but only include majors where more than 5 students are enrolled.

Q5:List all students who enrolled before 2022-01-01 and have a GPA greater than the average GPA of all students.

Q6:Group students by gender and show total students, average GPA, and maximum GPA per gender.

Only include genders where average GPA > 3.0.

Q7:Find all students whose GPA is higher than the average GPA of their major.

Q8:Find the top 3 majors with the highest number of students, sorted by count descending.

Q9:Display the 5 most recently enrolled students (based on enrollment_date) along with their names, majors, and GPAs.

Q10:Find the youngest student in each major and display their name, age, and major.

Q11:Group by major and show majors where the maximum GPA - minimum GPA > 1.5 (indicating high variation).

Q12:For each major, display:total number of students,average GPA,earliest enrollment date,Then order the result by average GPA descending.