The bar chart represents the percentage distribution of students by age group. Here are the details:

- **Under 30**: Approximately 10% of the students fall into this age group.
- **31-40**: This age group comprises about 40% of the students.
- **41-50**: Around 40% of the students are in this age group.
- **Over 50**: About 10% of the students are older than 50.

The chart shows a significant number of students in the 31-40 and 41-50 age groups, indicating a peak in student population within these age brackets.