\* Wrote code to

\* Connect to the DB

\* Grab data for student ID of 0 and class ID of 339.

\* Put this data into a data frame.

\* Put the columns of the data frame into a vector

\* Remove missing values

\* Visualize the grades that this student attained for that class (78, 73, 46, 76) for their (exam, homework tasks, and quiz).

\* Work out this student's average score <math>68.25</math>

\* Work out this student's middle score <math>((73+76)/2 = 74.5)</math>

A graph with a line graph

Description automatically generated with medium confidence

Came up with some questions we could answer

\* What is the most difficult class? I.e. What class do students score the worst in?

\* Which students have failed a class?

\* Which students have the top 5% of scores?

\* What is the grade distribution for a particular assignment in a particular class? (histogram, box plot, bar graph)

\* What is the deviation in scores for a particular assignment in a particular class? I.e. Measure how likely the grader will give out similar scores

\* Are higher grades for homework and quizzes indicative of a higher grade for the exam?

Data modelling

Predictive analysis

More difficult dataset

E.g. With gender and things