

2.1

From Data:

Upper level courses are more likely to get a high evaluation score from students.

Skill Learned:

Count number of desired attributes from the database.

2.2

From Data:

Male instructors are more likely to get a high evaluation score from students.
This may due to the number of male instructors outnumbers female instructors.

Skill Learned:

Same as 2.1.

2.3

From Data:

There are more upper level courses that have a score above average in their course group level than lower level courses. This may due to there are more upper level courses than lower level courses.

Skill Learned:

Get the average of desired attributes and user it to get the data wanted from the database.

2.4

From Data:

Students tends to rate their instructor with a relatively low beauty_score. This is not effected by gender.

Skill Learned:

Get the mode of desired attributes.
Using union opeartion on queries.
Use cae statements.

2.5

From Data:

The professor rank does not effect his/her evaluation score.

Skill Learned:

Implement funciton within sum operations.
Round values using query.

2.6

Skill Learned:

Select top 5 tuples from the database
(use of "limit").
Order values using query.

2.7

Form Data:

The outputs are not same as 2.6.
The beauty-score of an instructor does not
effect his/her evaluation score.

Skill Learned:

Same as 2.6.

2.8

From Data:

Based on the data of 15 closest neighbours,
we predict this instructor will get a score
of 4.17.

Skill Learned:

Find closest neighbours based on certain
attributes.