

ISYS2140
Lab Assignment
It is worth 5% of the overall mark

You will need to use the US census data file and the cube that has already been created which has the following four dimensions:

EDU-NUM-YEARS
RACE
GENDER
INCOME

The measure to be used is HRS/WEEK (number of hours worked per week).

The main goal of the exercise is to make inferences and observations regarding the relationship between race, gender, and number of years of education as they affect the number of hours worked. You are required to carry out a range of OLAP queries and based on the results of your analyses, write a short (not more than one double spaced page) report on what you have discovered about these relationships.

Your report is due in the tutorial on May 10th.

The link to the cube is <http://129.78.96.9:8080/mondrian>

It has the following ***dimensions***:

Age, Education level, Education years, Ethnicity, Gender, Income, Job, Native country, Relationship, Working class

And the following ***measures***:

Total hours per week, Avg hours per week, Max hours per week, Min hours per week, Capital gain, Capital loss, Count