**Assignment**

The Labor dataset (provided by WEKA) has 57 instances and 16 descriptive attributes, 01 class attribute with two values ‘bad’ and ‘good’.

The attributes of *Labor dataset* have many missing values. Do the following

(1) Use the basic methods(\*) in lecture to treat the missing values of all attributes.

(2) Explain the reason why the method you used for each attribute is appropriate?

Note: *Data description is in* ***Data\_description.txt*** *and full dataset is in* ***Labor.xlsx***

*(\*) Remind of basic methods:*

1. *Ignore the tuples*
2. *Fill in the missing value manually*
3. *Use a global constant to fill in the missing value*
4. *Use the attribute mean to fill the missing values*
5. *Use the attribute mean (or mode for categorical attribute) for all samples belonging to the same class as the given tuple.*
6. *Use the most probable value to fill the missing value*
7. *Others*