

DatasetGarment

Mid term exam

March 26th

The manager of the company GarmentFashion is trying to increase the productivity of the workers. Therefore, she has decided to contact you as a statistical consultant for the analysis of the data collected in the file *DatasetGarment.xlsx*.

The dataset contains the following variables for 973 garment companies:

- 1) *Number of workers (No. workers)*
- 2) *Targeted productivity (Target_productivity)*
- 3) *Over time in hours (Over_time)*
- 4) *Presence of an incentive (Incentive)*
- 5) *Actual productivity (Actual_productivity)*

Conduct a statistical analysis focusing on the following steps:

- check for outliers, missing values, and inaccuracies
- perform a graphical analysis
- select the best model, that is, the best subset of predictors
- according to the best predictors, make a proposal to increase the productivity of the workers.

Finally, write a report.