

Data Analysis Case Studies 2022

HW #2

Deadline: 12.03.2022 11:59pm (CET)

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Organizational Requirements

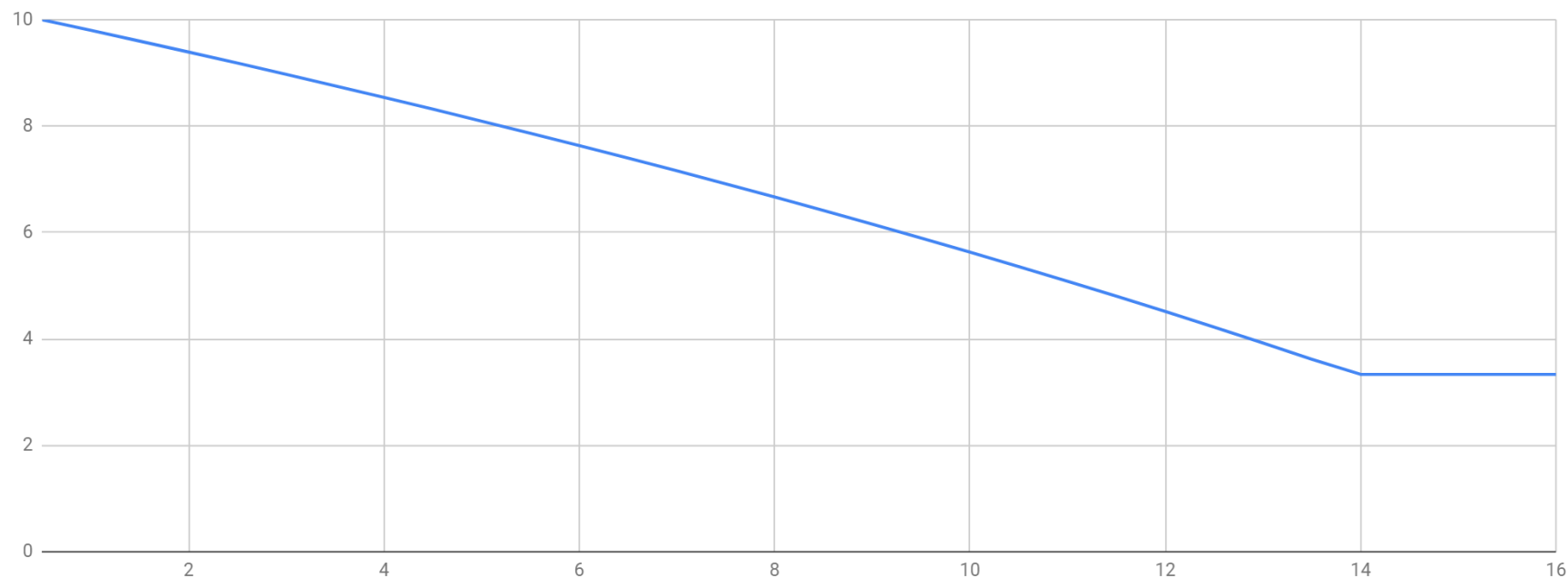
Final solution must be sent to google form <https://forms.gle/VBzWHapCJiE9rNH37>.

Solutions not submitted in accordance with the requirements on the form will not be reviewed.

Solutions sent after the deadline date will be penalized: the maximum score for the HW will decrease depending on delay in the deadline (in days):

$$\text{Maximal Score} = \max\left(\frac{1}{3}, \log_2\left(1.23 + 0.77 * \max\left(0, \left(1 - \frac{\text{Days Ater Deadline}}{14}\right)\right)\right)\right).$$

The graph of the dependence of the maximum possible score for HW on the delay in the deadline is given below:



HW description

1. Take part in the contest for forecasting the demand for new pairs of goods | store <https://www.kaggle.com/t/0821a8089a2f4eaaaa311709ffb7806c>
2. Technical rules please see in the contest.

Assessment Rules

1. In order to get an assessment, you need to send a code (python / R / sas) or a project (in SAS VDMML) that generates the final submission (the best on Public of those that you have chosen as final), the file must be sent to the form <https://forms.gle/VBzWHapCJiE9rNH37>.
2. The Team name must correspond to the template <Name>_<Surname>_<groupNo>, for example, Ivan_Ivanov_41.
3. The result for the decisions of the contest is measured from 0 to 10
 - a. If the result exceeds (by Private) the result of Benchmark_1, then the score will be 6 or more
 - b. If the result exceeds (by Private) the result of Benchmark_2, then the score will be 8 or more.
 - c. The rest of the gradation of marks will be formed according to the results of the contest, depending on the results of all participants.
4. Two identical or almost identical submitted codes will be penalized: 0 per task, regardless of the results in the Leaderboard.