Machine Learning Challenge

Credit Scoring

In this challenge, you are required to work on [Home Credit Default Risk data](https://www.kaggle.com/c/home-credit-default-risk) set from Kaggle. You are expected to perform a brief but end-to-end machine learning experience. You should communicate your findings in a clear way with a **Jupyter Notebook or R Markdown html/pdf output**.

Link: <https://www.kaggle.com/c/home-credit-default-risk>

**Deadline: 2019-11-07 17:30:00**

**Significant Points**

Following points are significant to your evaluation and they stress some fringe benefits.

• Your reports should include an exploratory analysis (EDA), discussion of possible features, a modelling part and interpretation of results.

• Your notebooks should display code with your results and body text (titles, subtitles, comments, conclusions etc.).

• **Try not to exceed 7-8 pages** including code and results (send verbose to appendix if necessary).

• **You can benefit from Kernels.** Actually, you are encouraged to do so. Just, remember to make

proper reference to your “inspirations”.

• **Do not spend too much time on the task.** A day’s worth of work at maximum is more than

enough. We just want to evaluate your work progress, coding style and communication of findings.

Though, it is your decision.

• Once you are finished, either email them; or, preferably, put them on web (e.g. GitHub Pages) and

send the links.

• Your report should be tidy. It should not be a work in progress. It should be readable and easily

interpretable and, if possible, reproducible.

• Your written communication skills are as important as your modelling and coding skills. Suppose, you

should explain the problem to somebody intelligent but outside the field. Spend some time on body

text and treat it as a full report. (Turkish or English language is not important)

Good luck!

p.s. Some kernels to start exploring the data is as follows. https://www.kaggle.com/willkoehrsen/start-here-a-gentle-introduction https://www.kaggle.com/ganeshn88/simple-exploration-of-all-200-variables https://www.kaggle.com/couyang/home-credit-eda-lightgbm

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