

# DNR Calculation – high level

The dataset **payments.xlsx** contains daily payments information for funded credits in a bank portfolio. Date column is a SAS date.

## Task

Make new dataset that contains all variables from source dataset plus two extra variables:

- week day,
- days not returned — the number of days credit was not paid back (zero amount) since the last payment (credit is not expected to be paid on weekends).

## Requirements

1. Please provide code in 3 languages: SAS, Python, R.
2. For SAS, you *can* use SAS University Edition.
3. For Python, please use Pandas.
4. When you start with this task, please create a repository on Github, and make initial commit.
5. Make at least 2 commits for each programming language.

## Results

Please send a link to the last Git commit in reply to email containing this document.

Good luck!

## Data

[payments.xlsx](#)