

Practical User Guide

Part 1: Planning your Resources

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Disclaimer

PACTA is offered as an open-source, free-of-charge, public good. The training materials and supporting documentations should enable banks to run PACTA independently. Please note that 2DII is a research institute and not a commercial service provider. We work with limited resources, and as such it may take some time for us to respond to inquiries regarding PACTA for Banks. We hope you understand.

Introduction

The aim of this document is to inform PACTA for Banks users how long the process of running the analysis will take. This will help users plan their resources accordingly.

All times given here are rough estimates based on the experience of 2DII analysts running this analysis with participating pilot banks. The time frames will vary from bank to bank, and this should only be used as an indication of the required time frame. Depending on the skill set of the individual running the analysis, it may take more or less time than estimated here.

It is necessary for the person running the analysis to have basic coding skills, specifically in R (programming language).

Total elapsed time: This is an estimate of how long the process might take. This captures the time taken to get software approved and downloaded as well as coordinating between different teams within a bank. Note these are not working days, but simply an estimate of the total elapsed time.

Working days: These are full working days (8 hours)

Timeline

1. Prerequisites and prepping the loan book

This refers to downloading all the necessary software and collecting all of the relevant information on the loan book. This part is not labor intensive but will take the most amount of time as it is likely that different departments will be involved, and internal processing may delay proceedings.

(Please refer to user guide part 2)

Total Elapsed Time = 1 to 3 months

Working Days = 2-3 (broken down across the total time elapsed)

2. Matching

This is the process of matching the bank's loan book to the PACTA data set. This is the most labor-intensive section and time can vary depending on the number of sectors covered, the level of detail, and the condition of the loan book.

(Please refer to [2dii.match website](https://2dii.match))

Working Days = 10 (1 day of training and 9 days of matching)

3. Running analysis

This is the process of running the code that performs the PACTA analysis.

(Please refer to r2dii.analysis.website)

Working Days = 2 (1 day of training and 1 day to implement)

4. Plotting and exporting results

This is the process of visualizing the outputs from the previous step.

(Please refer to r2dii.analysis/visualization for basic visualization options)

Working Days = 2

Total Elapsed Time = 10 days (This estimate includes creating bank specific visualizations. This may involve internal communication teams, which may delay the process)

5. Interpreting results

This step is bank specific. No time estimate is given as it depends on the bank and the aims of the exercise.

(please refer to the PACTA for Banks Methodology document)

Total

Total Working Days = 17

Total Elapsed Time = 1.5 months excluding step 1

Total Elapsed Time = ~ 4 months including step 1

Funding Information

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