

Crowdfunding Analytics V1.0 user's guide

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1 Introduction

Crowdfunding Analytics V1.0 is an analytical program made in python. Its capabilities range from computing a multitude of different values like averages to displaying bar charts. It works based on data provided by a .csv file which can be selected on the control panel, see section 3. Its main use will be to provide information about a crowdfunding subscriber's age groups, progress of the total amount raised and the expected growth.

2 Installation

Create a new environment and activate it. Make sure you are in the correct environment. When in the correct environment, open the folder analytics which contains the map structure src/analytics and use the command poetry install in the terminal. If everything works, you will be able to see the package being installed and the yellow marks below the imports of the main python file will vanish. If neither of those happened, it is not installed correctly and you should contact the developer.

3 control panel

The control panel is the place where to select the values to compute and which bar chart to plot if so desired.

3.1 computing values

- All
If All is selected, every value listed below will be computed and displayed on the bottom of the control panel.
- Average
If Average is selected, the average amount contributed per person will be computed and displayed.
- Average: Leen
If Average: Leen is selected, the average contribution of the contributors who made a loan will be computed and displayed.
- Average: Donatie
If Average: Donatie is selected, the average contribution of the contributors who made a donation will be computed and displayed.
- Total
If Total is selected, the total amount of contribution will be computed and displayed.

- Total Leen

If Total Leen is selected, the total amount of contribution made by contributors who made a loan will be computed and displayed.

- Total Donatie

If Total Donatie is selected, the total amount of contribution made by contributors who made a donation will be computed and displayed.

- Expectation date reaching target

If Expectation date reaching target is selected, the day which the target is reached will be computed and displayed.

3.2 Values to set yourself

- Target

Set the Target to the amount you want to reach. This is required to compute the Expectation date reaching target properly.

3.3 Select bar chart

- Progress

If Progress is selected, the total amount raised will be computed and displayed in red, the amount raised the day before will be computed and displayed in blue to see what's newly raised, the expected growth will be computed and displayed and the target line will be displayed.

- Age groups

If Age groups is selected, the total amount raised will be computed for each Age group and displayed in different colours on the tab Age groups.

- Save

If Save is selected, it will save a PNG file of the selected bar charts, if there are any selected, to its directory.

Control Progress Age groups

Choose file

Run Analysis

Clear

Select the values to compute

☒ All

☐ Average

☐ Average: Leen

☐ Average: Donatie

☐ Total

☐ Total Leen

☐ Total Donatie

☐ Expectation date reaching target

Bar chart

☒ Progress

☒ Age groups

Target: 230000

☐ Save

Average	€ 1030.73
Average Leen:	€ 1061.46
Average Donatie:	€ 1003.11
Total:	€ 1546.10
Average Leen:	€ 75364
Average Donatie:	€ 79246
Expectation Date	€ 23-9-2023

Figure 1: Control Panel, where everything can be selected and executed from. The image displays an example!

4 Progress

This is the tab where, if progress bar chart is selected, the progress bar chart will be displayed.

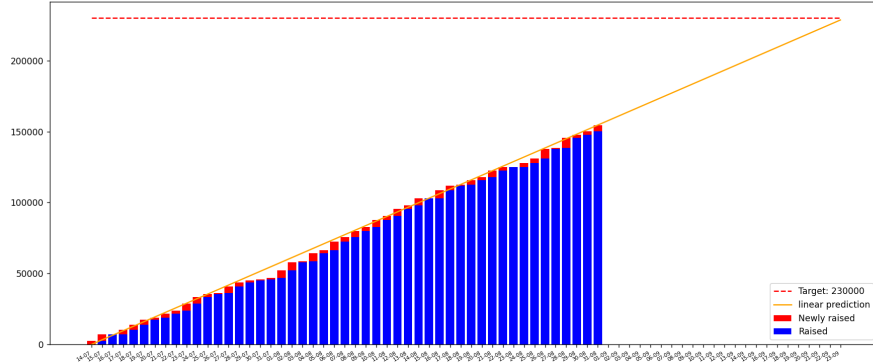


Figure 2: Progress bar chart, displays the total amount raised, the difference with the day before, the target line and the expected growth. The image displays an example!

5 Age groups

This is the tab where, if Age groups bar chart is selected, the Age groups bar chart will be displayed.

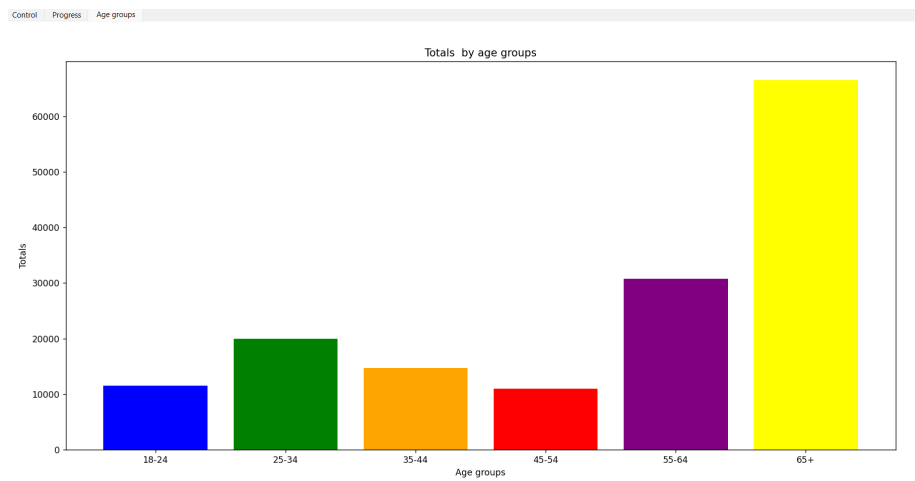


Figure 3: Age groups bar chart, displays the total amount raised by each age group in different colours. The age groups are displayed on the bar chart. This image displays an example!