

Cryptocurrencies scraper

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1 Participants

- Zofia Cieślińska, 395117
- Adrian Hirt,
- Kai Xing,

2 Topic and webpage

Short description of the topic and the web page.

coinmarketcap is a page containing various cryptocurrencies and statistics related to it.

3 Scraper mechanics

- Short description of your scraper mechanics - what the program is technically doing.

Iterate over tags indicating new cryptocurrencies. Scrape one by one all the values. Some details on all scrapers?

3.1 Beautiful Soup

3.2 Selenium

3.3 Scrapy

4 Output

- Short technical description of the output you get.
Those and those links from the page. Those values from the subpages.

5 Data analysis

- Extremely elementary data analysis - you need to prove, that collected data can be used for further analysis, but nothing more (hard limit of data analysis: one page).

5.1 Some statistics

- mean values
- std values

5.2 Some plots

Some plots.

6 Division of the work

Detailed description which group participant wrote which part of the project.

- Zofia Cieślińska:
 - Scrapy part of the project, data analysis, final report
- Adrian Hirt:
 - BeautifulSoup and Selenium parts of the project, main management of github
- Kai Xing:
 - Selenium part of the first version of the project