

# Table of Data – Documentation – Agnieszka Kozielska-Zięba

## 1. Introduction

This application fetches and displays companies income data. User can filter and sort data. Data are shown in paginated table.

Application was made with Angular, Typescript, HTML and SASS.

Application fetches data from apis:

<https://recruitment.hal.skygate.io/companies>

<https://recruitment.hal.skygate.io/incomes/:id>

## 2. Running the application

Application is deployed on <http://www.agnieszka-kozielska.pl/table-of-data/>

If you want to run the application on your localhost:

- install node.js

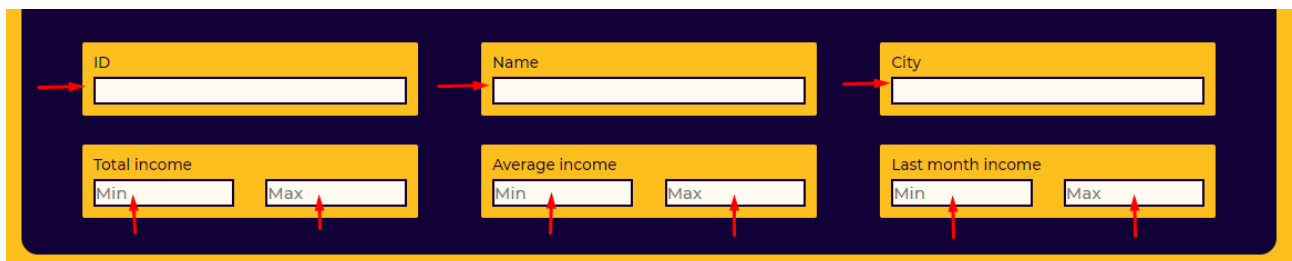
- open node.js command prompt and type *npm install -g http-server*

- go to folder */table-of-data/dist/table-of-data*, open console in this localization and type *http-server*

- copy and paste localhost address to your browser.

## 3. Filtering data

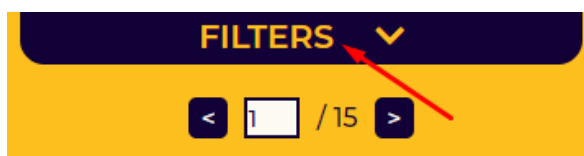
User can filter data with FILTER section. It contains ID (number), Name (text), City (text) and income inputs: Total, Average and Last month, all containing Min and Max number values (Picture 1). User can filter data by one or more fields simultaneously.

A screenshot of the application's filter section. It features a dark blue background with yellow filter boxes. The first row contains three input fields labeled 'ID', 'Name', and 'City'. The second row contains three boxes for 'Total income', 'Average income', and 'Last month income', each with 'Min' and 'Max' input fields. Red arrows point to each of these input fields.

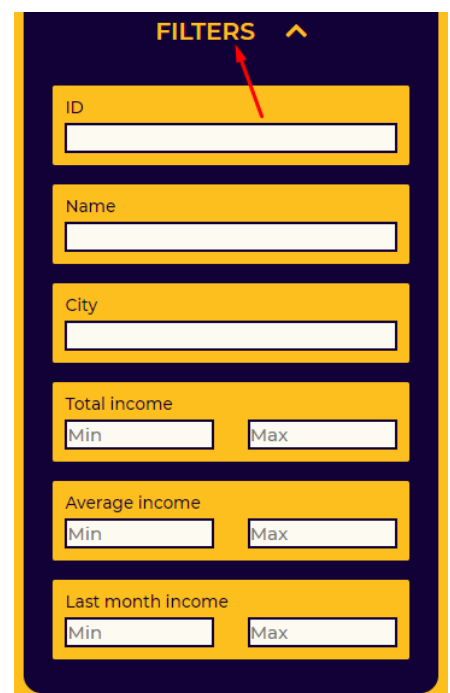
Picture 1

On smaller devices user has to expand the filter section by tapping on FILTERS label (Picture 2).

Filter section can be collapsed back by tapping on FILTERS label again (Picture 3).

A screenshot of the application's header area. It shows a dark blue bar with the word 'FILTERS' in yellow and a yellow dropdown arrow. Below this is a pagination bar with a dark blue background, showing '< 1 / 15 >' in white. A red arrow points to the 'FILTERS' label.

Picture 2

A screenshot of the application's filter section in its expanded state. It shows a dark blue background with yellow filter boxes. The first row contains three input fields labeled 'ID', 'Name', and 'City'. The second row contains three boxes for 'Total income', 'Average income', and 'Last month income', each with 'Min' and 'Max' input fields. A red arrow points to the 'FILTERS' label at the top.

Picture 3

#### 4. Sorting data

User can sort data by all fields by clicking on the column's header (Picture 4).

First click sorts data in ascending order, second click sorts data in descending order.

A table with 6 columns: ID, Name, City, Total, Average, and Last month. The first three columns are under the 'Income' header. Red arrows point to each of the six column headers, indicating that clicking on them will sort the data. The table contains 7 rows of data.

ID	Name	City	Income		
			Total	Average	Last month
1	Ernsner Group	North Shirleyfurt	260038.83	5200.78	51015.7
2	Franecki, Torphy and Lesch	Port Halle	251388.83	5027.78	2766.92
3	Dibbert, Swaniawski and Kris	Noeliaberg	294176.94	5883.54	1256.33
4	Smitham Group	Rennerfort	255421.47	5108.43	11313.78
5	Kuhn, Kertzmann and Daugherty	East Dawn	246460.41	4929.21	23725.47
6	Towne - Vandervort	Cassidyfurt	283982.35	5679.65	7246.55
7	Parker, Ondricka and Lemke	New Melany	250031.51	5000.63	22099.74

Picture 4

#### 5. Pagination

Table is paginated. User can increment or decrement pages with < and > buttons, or go directly to any page with number input (Picture 5).



Picture 5

#### 6. Income data info

Total income is sum of all company's incomes.

Average income is average of company incomes.

Last month income is calculated by finding newest income date in all companies, subtracting a month from it and calculating sum of incomes after this date for each company.