Data Visualization Workshop

Hapiness around the world

Dataviz library: **Nivo.rocks** for React.js

Group 1

```
André Ribeiro - 200257016
Edna Martins - 200257001
João Raimundo - 200257008
```

Index

1. Setup

There is an array of software required in order to complete this workshop. We will list all the software requirements and demonstrate some installation steps the steps for instalations.

1.1. Installing Node.js

We will require Node.js 14.16 LTS or higher. The windows version can be downloaded from this link. Just run the file and follow the instructions.

You check if the installation was successfull by running the following command:

```
node --version
```

Result:

> v14.16.0

1.2. Installing Yarn

With the Node.js installed open the command line and execute the following command:

```
npm install -g yarn
```

And check the installation by running:

```
yarn --version
```

Result:

> 1.22.10

1.3. Code Editor: Installing Visual Studio Code

We use Visual Studio Code. But any other editor and command line will do the job.

You can download the VSCode installation file from here.

After successfull download just follow the installation download.

1.4. Downloading pre-prepared project

After installing all software, download the project from here and unzip it to a local folder. Or clone the project from the Github Repo: https://github.com/Andree37/vi-nivo-proj.git.

1.5. Install project dependencies

Once you've downloaded the project you will finally need to install the project dependencies. Just open the project folder with Visual Studio Code (or other editor of your choice) and type in a command line:

```
yarn install
```

A large set of packages will be installed and afterwards you're good to go.

Good luck with the workshop, we hope you all like it 😉