## First data analytics project

Insert the expected completion date below:

|  |
| --- |
| ... |

* The goal is to go through this list at least 3 times, each time increasing the number of questions to answer by 3. 😊
* Feel free to google, watch some tutorials or read some blogs if you encounter any uncertainty. But please keep in mind the end date, like you would in a professional project ^^. Then apply it to your solution.

|  |  |
| --- | --- |
| Steps – Time schedule | End Date |
| * Write down 5 measurable things, that are interesting for you. |  |
| * Research and find data related to the chosen topics.   Try to google it including “dataset” query, use known sites with data or use your own scrapers to collect it (advanced).   * Choose the topic where a lot of data is available. |  |
| * Put yourself in the role of manager / owner / politician / coach and come up with **3 different questions** that you will be able to answer after examining the collected data. Those questions should use your business intelligence in your chosen topic 😊 |  |
| * Install database of your choice and add your data to it. |  |
| * Answered question 1: .... |  |
| * Answered question 2: .... |  |
| * Answered question 3: .... |  |
| * Using SQL or your chosen technology create a view with answers. |  |
| * Install visualisation tool to illustrate your answers. |  |
| * Connect your database with your visualisation tool. |  |
| * Download a few dashboard examples / templates for your visualisation tool. (to make it easier try to use ready solutions) |  |
| * Prepare a report including your answers and visualised data supporting it. |  |
| * Export your report as PDF and send it to me 😉 |  |
| * Add your SQL code to GitHub repository. Be proud of your work! |  |

1. **Write down 5 measurable things, that are interesting for you:**

* …
* …
* …
* …
* …

1. **I’ve found many different datasets and chosen: …**

|  |
| --- |
| ... |

1. **Let’s assume that I’m a: …**

* …

**, and I want answers to the following questions:**

**(First iteration)**

* …
* …
* …

**(Second iteration)**

* …
* …
* …

**(Third iteration)**

* …
* …
* …

1. **I’ve created a view and I've chosen visualisation framework: …**

* …

1. **I’ve chosen the following report template:**

* …

1. **I've created a report and send it over to @rojberr 😉**