



Scala Tech Homework

1. Application

In order to encourage Splio men and women to ride bikes we want to display in realtime the number of Vélib' available around Splio HQ.

To do that we will use the Vélib's open data API :

<https://opendata.paris.fr/explore/dataset/velib-disponibilite-en-temps-reel/information/>

Infos

- Splio HQ : 27 Boulevard des Italiens, 75002 Paris
- Vélib's data are refreshed every minutes

Tasks

- Project will be written in Scala with or without frameworks.
- Results will be displayed in app console (easy) or in html page (advanced)
- Project will be sent in a zip file or posted to github.
- Do not hesitate to ask questions.

2. Data

Dataset **velib_dataset_c271c5d8-6b77-4557-845c-3b449863bbb0.txt** contains 12 hours of data

Tâches

- Calculate the average number of available Velib' per station and per day's hour to know what is the best time to take a bike and in which station.
- Calculate the average number of available docks per station and per day's hour to know what is the best time to put a bike and in which station.
- Calculate the Velib' stations top 3 with the more available bikes per day

Results will be provided with the code needed.