

EU Datathon 2021 - Project description

Fields marked with * are mandatory.



Challenge

* Challenge

- ☐ Challenge 1 - A European Green Deal
- ☐ Challenge 2 - An economy that works for people
- ☒ Challenge 3 - A Europe fit for the digital age

* Team name

Digital Music Observatory Team

Twitter account of the team if available

<https://twitter.com/dataandlyrics>

Other social media channels of the team if available

<https://www.linkedin.com/company/68855596/>

Team member 1

* Team member 1 - First name and last name

Daniel Antal

* Team member 1 - Email

daniel.antal@reprex.nl

* Team member 1 - Country of origin

Hungary

Team member 1 - City

the Hague, Netherlands

* Team member 1 - Organisation and job title

Reprex BV, co-founder

* Team member 1 - Twitter account

<https://twitter.com/dataandlyrics>

Team member 2

(Optional) Team member 2 - First name and last name

Andrés García Molina, PhD

(Optional) Team member 2 - Email

andres.g.molina@dataobservatory.eu

(Optional) Team member 2 - Country of origin

Honduras

(Optional) Team member 2 - City

Buffalo, NY, USA

(Optional) Team member 2 - Organisation and job title

Digital Music Observatory, co-founder

(Optional) Team member 2 - Twitter account

Team member 3

(Optional) Team member 3 - First name and last name

Caterina Sganga

(Optional) Team member 3 - Email

Caterina.Sganga@santannapisa.it

(Optional) Team member 3 - Country of origin

Italy

(Optional) Team member 3 - City

Pisa

(Optional) Team member 3 - Organisation and job title

Sant'Anna School of Advanced Studies, Assistant Professor

(Optional) Team member 3 - Twitter account

Team member 4

(Optional) Team member 4 - First name and last name

Botond Vitos

(Optional) Team member 4 - Email

boti@vitos.tv

(Optional) Team member 4 - Country of origin

Hungary

(Optional) Team member 4 - City

Berlin

(Optional) Team member 4 - Organisation and job title

freelance data engineer

(Optional) Team member 4 - Twitter account

Project description

* Maturity of app

- ☐ Not yet developed
- ☒ Prototype ready
- ☐ Very advanced

URL to solution

<https://music.dataobservatory.eu/>

Mockups of the app (These mockups can be sketches or screenshots of what is planned to be developed. It should only give an idea to the jury what is planned to be developed.)

The maximum file size is 1 MB. Please use only one PDF file.

9bc11f3f-49dd-4790-8a19-79c68bfbe5ed/DMO_submission_compressed.pdf

* Target audience of app

Business strategists and planners who work with various key business indicators; Public and non-governmental policy-makers who work with various impact and effect indicators; Academic researchers; Data journalists; Open source developers.

* Tagline of the app (140 characters), which could be published later

The Digital Music Observatory (DMO) is a fully automated, open source, open data observatory that links public datasets to provide a comprehensive view of the European music industry.

* Description of the app (maximum 250 words)

The Digital Music Observatory (DMO) is a fully automated, open source, open data observatory that creates public datasets to provide a comprehensive view of the European music industry. It provides high-quality and timely indicators in all four pillars of the planned official European Music Observatory as a modern, open source and largely open data-based, automated, API-supported alternative solution for this planned observatory. The insight and methodologies we are refining in the DMO are applicable and transferable to about 60 other data observatories funded by the EU which do not currently employ governmental or scientific open data.

Music is one of the most data-driven service industries where most sales are currently executed by AI-driven autonomous systems that influence market shares and intellectual property remuneration. We provide a template that enables making these AI-driven systems accountable and trustworthy, with the goal of re-balancing the legitimate interests of creators, distributors, and consumers. Within Europe, this new balance will be an important use case of the European Data Strategy and the Digital Services Act.

The DMO is a fully functional service that can serve as a testing ground of the European Data Strategy. It can showcase the ways in which the music industry is affected by the problems that the Digital Services Act and European Trustworthy AI initiatives attempt to regulate. It is being built in open collaboration with national music stakeholders, NGOs, academic institutions, and industry groups.

* EU datasets used (URLs)

<https://music.dataobservatory.eu/#data>

Any feedback about your experiences in working with EU open data?

We use many forms of open data, and the number of urls would be difficult to put into a form.

How did you hear about EU Datathon?

- ☐ Twitter
- ☐ Facebook
- ☐ LinkedIn
- ☒ Website of the Publications Office of the EU
- ☐ Newsletter
- ☐ Other participants of previous EU Datathons
- ☐ University
- ☐ Other

Age of team member(s)

- ☒ We register as **adults** (every team member is 18 years old or older).
- ☐ We register as **minors** (every team member is under 18 years old) **and** we have the agreement of the parents/legal guardians to participate for each team member.

- ☐ We register as a **mixed team** (team leader is 18 years old or older and some team members are below the age of 18) **and** we have the agreement of the parents/legal guardians to participate for each team member.

☒ I accept the [privacy statement](#) of EU Datathon.

Contact

[Contact Form](#)