Dashboard Courses Community Discord ⤴ 👤 Alexandre **0** points Workspace ⚙

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Final Projects

Choose your own project 🤘 15 days

Choose your own project

Context 🖨

For the teams that really want to work on their own project, we definitely would love you to do so! There are just a few rules that you need to follow:

Minimal rules your need to follow 🎯

At minimum, to pass the project, you will to build an infrastructure that contains:

- An element collecting & storing data (scripts, databases)
- An element consuming data (scripts, databases, kafka)
- An ETL (or ELT) process (airflow, scripts)

Where to get data

You can get data from various sources:

Open Data:

- https://www.data.gov/
- https://opendata.paris.fr
- https://www.enigma.com/
- https://snap.stanford.edu/data/index.html (social data)
- https://opendata.cityofnewyork.us/
- https://mattermark.com/
- https://www.crunchbase.com/
- https:///www.kaggle.com/
- https://www.quandl.com/

Final Projects ⬍

- ▤ Project Overview 🦁
- 💡 Automatic Fraud Detection 🦊
- 💡 Urban mobility with Lime 🛴
- 💡 Netflix recommandation engin
- 💡 Twitter social engine 🦜
- 💡 Choose your own project 🤘

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Resources ⌄

Public API that you can use:

https://github.com/toddmotto/public-apis

Use Ably data hub:

https://ably.com/hub

Inspiration:

https://experiments.withgoogle.com/collection/ai

Articles:

https://www.analyticsvidhya.com/blog/2018/03/comprehensive-collection-deep-learning-datasets/

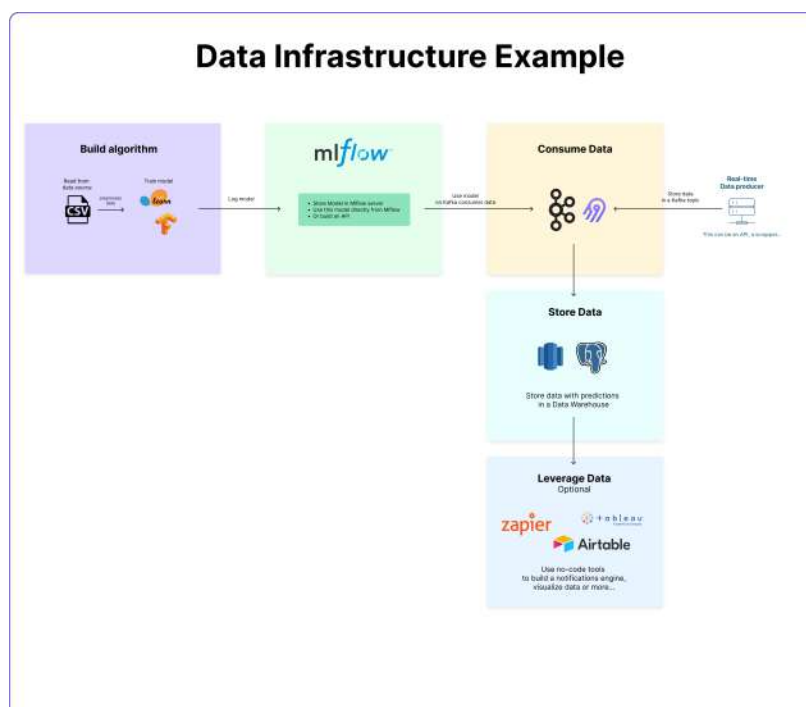Look for a dataset:

https://toolbox.google.com/datasetsearch

Deliverables 📬

To complete this project, you will need to produce:

A schema of the infrastructure you chose to build and **why** you built it that way

This can be in a Powerpoint, Word document

You can get inspiration from the below picture

The source code of all elements necessary to build your infrastructure

A video of your working infrastructure on an example

You can use <u>Vidyard</u> to do so

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