**Elise, Florient et Guillaume**

22/29 JUIN

18:45

NOVAMêlée

# Data No Blabla

Des interfaces pour interagir avec la donnée en Python grâce à Streamlit

Toulouse Data Science

# What is streamlit ?

Streamlit

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- Streamlit is an app framework for data scientists
- Key Idea
  - Make webapps as easy as writing python scripts
  - Use traditional iterative scripting process
  - Instead of layout and event flow
- Workflow
  - Start with python script
  - Slightly annotate to make it an app

# Core principles

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- Embrace python scripting
  - Everything you can do in python scripting
  - You can do in streamlit
- Treat widgets as variables
  - Substitute variables with a widget (example st.slider())
  - Reuse variables as widgets iteratively
- Reuse data and computation
  - Cache computation

# Installation

Streamlit

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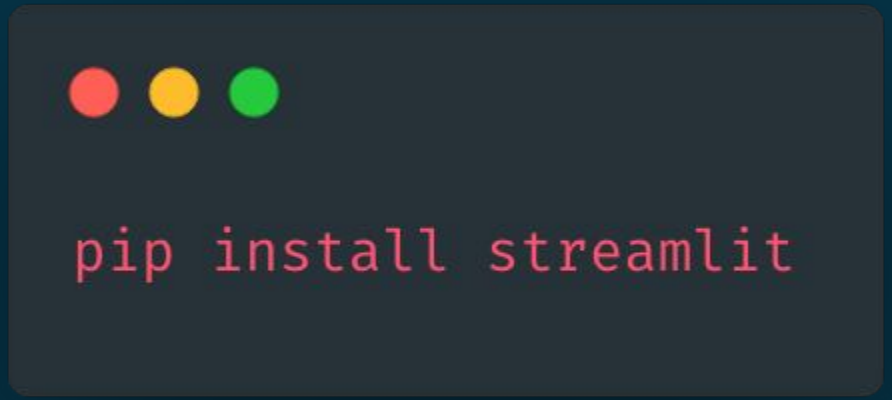


https://streamlit.io/cloud

# Example

Streamlit

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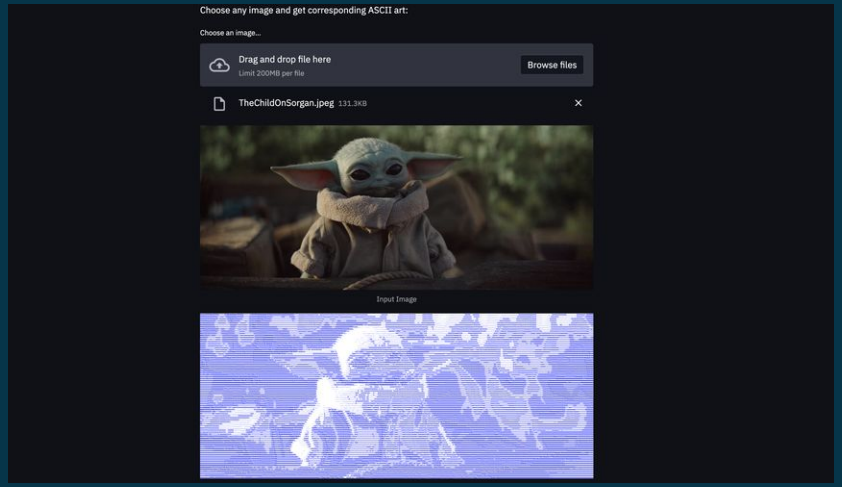


<code />

@tlse_dasci

# Today

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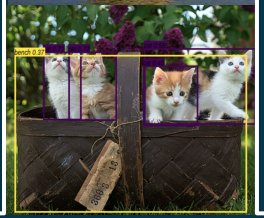
## DALL-E

goto https://github.com/TlseDataScience/

select
data-no-blabla-streamlit/dalle/README.md

Up to you to design the best UI



## YOLO

goto https://github.com/TlseDataScience/

select
data-no-blabla-streamlit/yolo/README.md

Up to you to design the best UI

# Useful links

Streamlit

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- Documentation
- Forums, discussions
- Components

# The Repo ;-)

Streamlit

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https://github.com/TlseDataScience/data-no-blabla-streamlit