PUBLICATION AND ASSESSMENT

TABLE OF CONTENTS

WEB PUBLICATION

Set up your github repository

Create an account

Enter your data and answer the security question
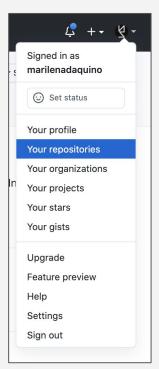https://github.com/join

Create a repository

Create a repository with the name of your project
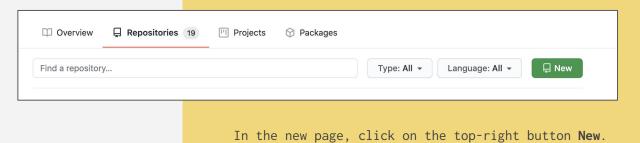https://docs.github.com/en/free-pro-team@latest/github/getting-started-with-github/create-a-repo

Upload resources

Use a GUI
https://www.sourcetreeapp.com/
Or upload your files
https://docs.github.com/en/free-pro-team@latest/github/managing-files-in-a-repository/adding-a-file-to-a-repository

Create a repository

Top right menu, select **Your repositories**

In the new page, click on the top-right button **New**.
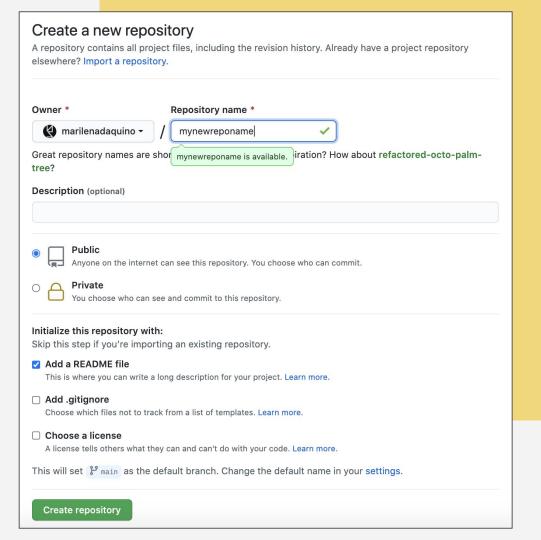
Create a repository

In the new page, enter the **name** of the repository

Be sure it is set on **Public**

Check the box **Add a README file**

Click on the button **Create a repository**

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.

Owner *

marilenadaquino ▾ / Repository name *

mynewreponame ✓

mynewreponame is available.

Great repository names are shoriration? How about **refactored-octo-palm-tree**?

Description (optional)

○ **Public**
Anyone on the internet can see this repository. You choose who can commit.

○ **Private**
You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.

☑ **Add a README file**
This is where you can write a long description for your project. Learn more.

☐ **Add .gitignore**
Choose which files not to track from a list of templates. Learn more.

☐ **Choose a license**
A license tells others what they can and can't do with your code. Learn more.

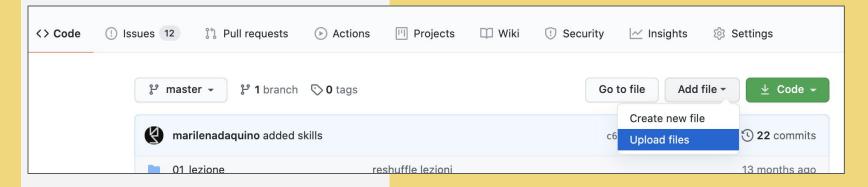This will set main as the default branch. Change the default name in your settings.

Create repository
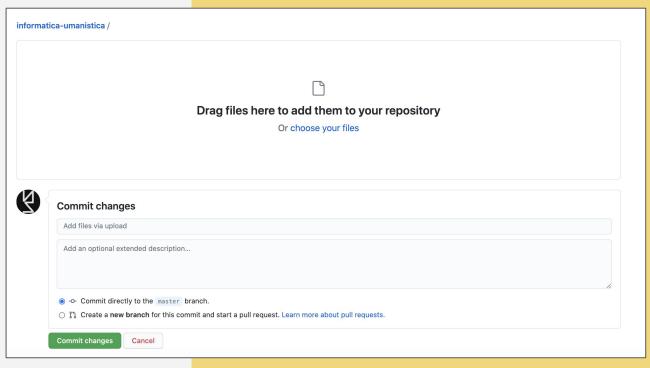
What to upload?

1. Your data, e.g. **artchives.nq**
2. External data sources that you integrated (e.g. wikidata samples)
3. The final **csv/json file**(s) derived from your analysis
4. The jupyter notebook **.ipynb file**
5. The webpage **index.html** (mandatory)
6. Css / js files (optional)

How to upload?

From the webpage of your repository, click on **Add file > Upload files**

How to upload?

Drag and drop your files here.

Add a short title to your commit with the important updates you did (e.g. added html file, min fix jupyter notebook)

Drawback: *if you use this method, you are not allowed to modify folders (rename, delete) after the first time you add them. You can only modify (rename, update, delete) files.*

Publish and document

Publish your website

https://pages.github.com/
Select project site!

Connect the jupyter notebook to binder

Copy & paste the url of your notebook here
https://mybinder.org/
Copy the markdown badge.
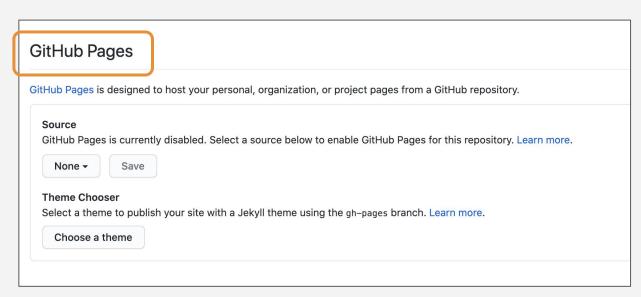
README

Create a README file in pycharm, include title, names, roles, license and paste the binder badge.

Publish your website

From your repo, click on **Settings**

Scroll down to the section called **Github Pages**

marilenadaquino / **epds**

<> Code ⊙ Issues 5 ⇅ Pull requests ▷ Actions ▦ Projects 📖 Wiki ⊘ Security 📈 Insights ⚙ Settings

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Source
GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. Learn more.

None ▾   Save

Theme Chooser
Select a theme to publish your site with a Jekyll theme using the gh-pages branch. Learn more.

Choose a theme

Publish your website

Select the branch **main** and if needed also the folder (leave /**root** if the index.html is in the main folder of your repo)

Click on the button **Save**

The page updates and shows you **your website URL**.

Ignore the other options (Theme and custom domain)

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Source
GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. Learn more.

⎇ Branch: main ▾   📁 / (root) ▾   Save
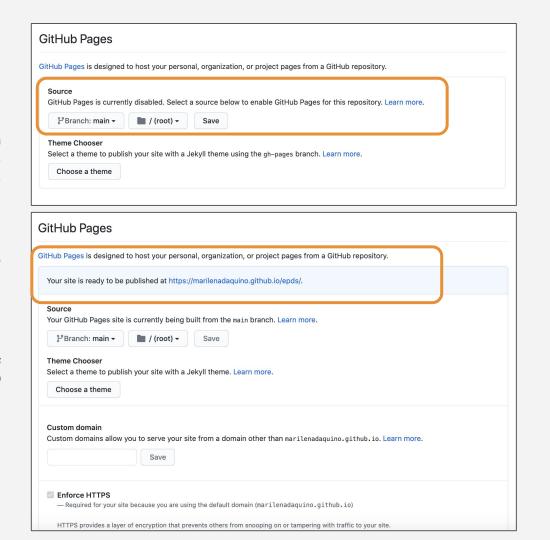
Theme Chooser
Select a theme to publish your site with a Jekyll theme using the gh-pages branch. Learn more.

Choose a theme

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is ready to be published at https://marilenadaquino.github.io/epds/.

Source
Your GitHub Pages site is currently being built from the main branch. Learn more.

⎇ Branch: main ▾   📁 / (root) ▾   Save

Theme Chooser
Select a theme to publish your site with a Jekyll theme. Learn more.

Choose a theme

Custom domain
Custom domains allow you to serve your site from a domain other than marilenadaquino.github.io. Learn more.

Save

☑ **Enforce HTTPS**
— Required for your site because you are using the default domain (marilenadaquino.github.io)

HTTPS provides a layer of encryption that prevents others from snooping on or tampering with traffic to your site.
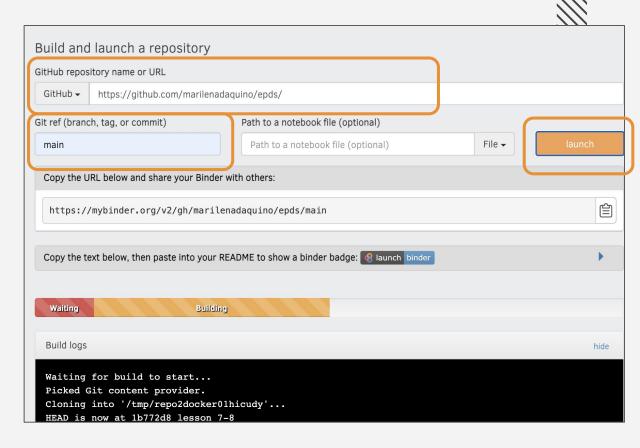
Link your jupyter notebook to Binder

Go to https://mybinder.org

Enter the URL of your repository **+ /**.

Enter **main** in the field Git ref

Click on the button **launch**

It will take a while, you can monitor the loading bar on the bottom.

Build and launch a repository

GitHub repository name or URL

GitHub ⌄ | https://github.com/marilenadaquino/epds/

Git ref (branch, tag, or commit)

main

Path to a notebook file (optional)

Path to a notebook file (optional) | File ⌄

launch

Copy the URL below and share your Binder with others:

https://mybinder.org/v2/gh/marilenadaquino/epds/main

Copy the text below, then paste into your README to show a binder badge: 🔶 launch | binder ▶

Waiting | Building

Build logs   hide

```
Waiting for build to start...
Picked Git content provider.
Cloning into '/tmp/repo2docker01hicudy'...
HEAD is now at 1b772d8 lesson 7-8
```
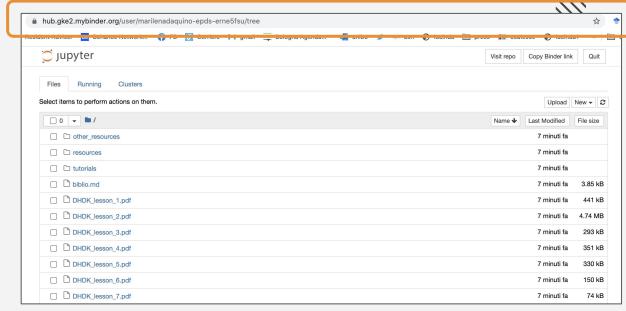
Link your jupyter notebook to Binder

Wait..

Meanwhile, expand the dropdown and **copy the markdown code of your Binder badge** (to be included in your repository README file later)

Waiting | Building | Pushing

Waiting | Already built!

Copy the text below, then paste into your README to show a binder badge: 🚀 launch binder ▼

m
[![Binder](https://mybinder.org/badge_logo.svg)](https://mybinder.org/v2/gh/marilenadaquino/epds/ma

.rst
.. image:: https://mybinder.org/badge_logo.svg
 :target: https://mybinder.org/v2/gh/marilenadaquino/epds/main

Link your jupyter notebook to Binder

When it finishes to build your jupyter notebook, you'll be redirected to a "familiar" webpage.
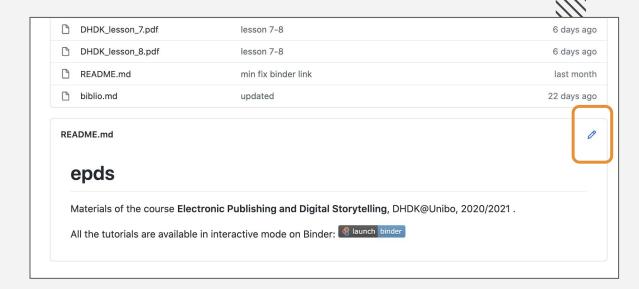
README file

From the main page of the repository, you have the default README file created while initialising the repository (it will include just the title and the description if you added it).

You can modify it by clicking on the **top right pencil**.

It opens a new page with the editor where you can **modify the text in Markdown**.

📄 DHDK_lesson_7.pdf	lesson 7-8	6 days ago
📄 DHDK_lesson_8.pdf	lesson 7-8	6 days ago
📄 README.md	min fix binder link	last month
📄 biblio.md	updated	22 days ago

README.md   ✏️

epds

Materials of the course **Electronic Publishing and Digital Storytelling**, DHDK@Unibo, 2020/2021 .

All the tutorials are available in interactive mode on Binder: launch binder

---

epds / README.md   Cancel

`<>` Edit file   👁 Preview changes   Spaces ⇕ 2 ⇕ Soft wrap ⇕

```
1  # epds
2  Materials of the course **Electronic Publishing and Digital Storytelling**, DHDK@Unibo, 2020/2021 .
3
4  All the tutorials are available in interactive mode on Binder:
5  [![Binder](https://mybinder.org/badge_logo.svg)](https://mybinder.org/v2/gh/marilenadaquino/epds/main)
6
```

README file


```
1   # My project title
2
3   [Project Website](http://website.github.io)
4
5   Jupyter notebook on [![Binder](https://mybinder.org/badge_logo.svg)](https://mybinder.org/v2/gh/your_account/your_repo/main)
6
7   Credits:
8
9    * Name Lastname: role (e.g. data analysis, literature review)
10   * Name1 Lastname1: role (e.g. web development, design)
11   * Name2 Lastname2: role (e.g. data query, data integration)
12
13   License:
14
15   * artchives data are released under a [CC0 license](https://creativecommons.org/share-your-work/public-domain/cc0/)
16   * integrated data (if applicable) are reused and released under the original license (specify which one, e.g. Wikidata is CC0!)
17   * code and final web application are released under [CC-BY license](https://creativecommons.org/licenses/by/4.0/)
18
```
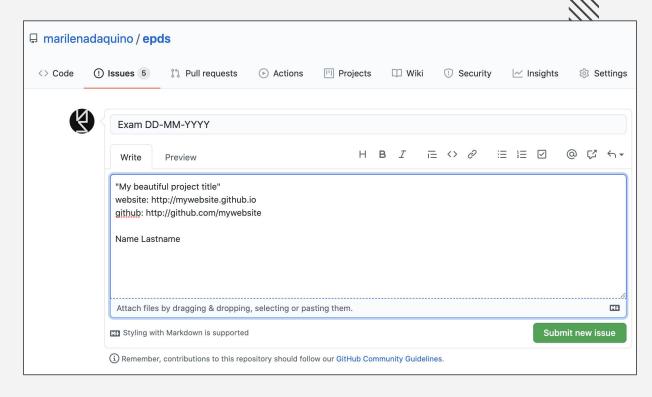
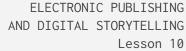Here a template of the information to include in the README file.
Ps. Remember to save and include a title for your commit!

Post an issue on the github repo of the course!

DO IT BY THE DAY BEFORE THE EXAM!

If there is already an issue with the same title, comment on that issue rather than opening a new one

marilenadaquino / **epds**

<> Code   ⊙ Issues 5   ⇄ Pull requests   ▷ Actions   ▦ Projects   📖 Wiki   ⊘ Security   📈 Insights   ⚙ Settings

Exam DD-MM-YYYY

Write   Preview   H **B** *I* ≣ <> 🔗 ☰ ☷ ☑   @ ↗ ↩

"My beautiful project title"
website: http://mywebsite.github.io
github: http://github.com/mywebsite

Name Lastname

Attach files by dragging & dropping, selecting or pasting them.

Md Styling with Markdown is supported   **Submit new issue**

ⓘ Remember, contributions to this repository should follow our GitHub Community Guidelines.

ASSESSMENT

STORYTELLING AND WEB COMMUNICATION SKILLS

A guide to self-assessment

Understanding of graphs/charts purpose	Usage of correct charts to represent data at hand
Selection of graphs/charts	Given the data at hand, usage of the most effective chart
Appropriateness of contents	Right amount of background/context/data/methodology (and in scope)
Strategic use of communication aspects	Titles, labels, explanations, visual clutter, color, white space
Overall design	No misspellings, no errors in data analysis. Correct order of contents. Clear message/action. Optimization of explanatory graphs / texts (summarisation)
Reliability of results*	*The conclusions make sense in the reality.*

* Make the possible bias in results explicit

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[See what I mean?](#)

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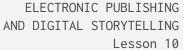# STORYTELLING AND WEB COMMUNICATION SKILLS

Understanding of graphs/charts purpose	Usage of correct charts to represent data at hand
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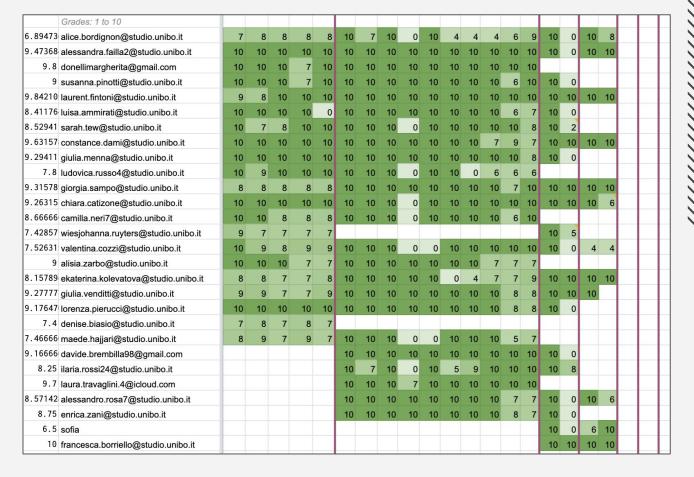|	
Understanding of graphs/charts purpose	Usage of correct charts to represent data at hand
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* Make the possible bias in results explicit

QUESTIONNAIRES

Results

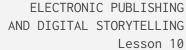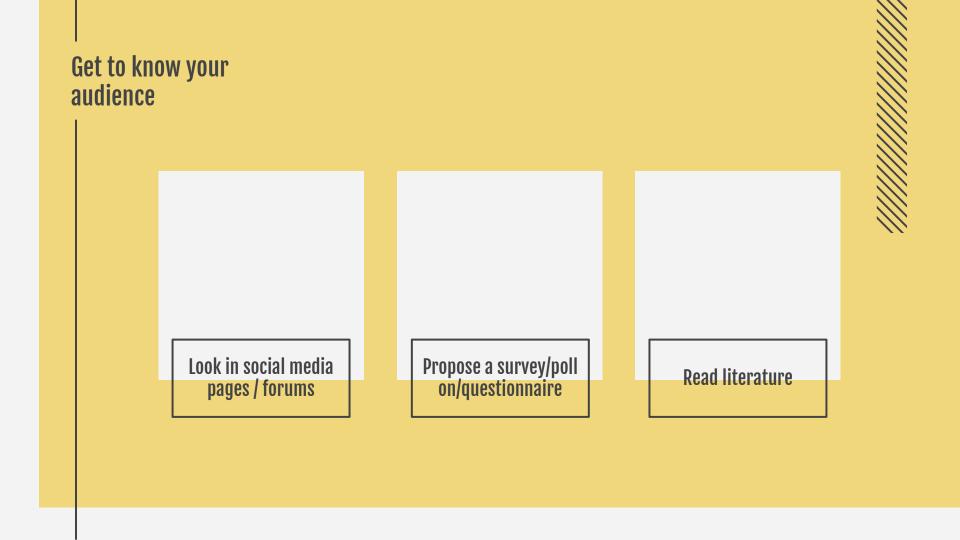| Grades: 1 to 10																			
6.89473 alice.bordignon@studio.unibo.it	7	8	8	8	8	10	7	10	0	10	4	4	4	6	9	10	0	10	8
9.47368 alessandra.failla2@studio.unibo.it	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
9.8 donellimargherita@gmail.com	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10				
9 susanna.pinotti@studio.unibo.it	10	10	10	7	10	10	10	10	10	10	10	10	10	6	10	10	0		
9.84210 laurent.fintoni@studio.unibo.it	9	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8.41176 luisa.ammirati@studio.unibo.it	10	10	10	10	0	10	10	10	10	10	10	10	10	6	7	10	0		
8.52941 sarah.tew@studio.unibo.it	10	7	8	10	10	10	10	10	0	10	10	10	10	10	8	10	2		
9.63157 constance.dami@studio.unibo.it	10	10	10	10	10	10	10	10	10	10	10	10	7	9	7	10	10	10	10
9.29411 giulia.menna@studio.unibo.it	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	0		
7.8 ludovica.russo4@studio.unibo.it	10	9	10	10	10	10	10	10	0	10	10	0	6	6	6				
9.31578 giorgia.sampo@studio.unibo.it	8	8	8	8	8	10	10	10	10	10	10	10	10	7	10	10	0	10	10
9.26315 chiara.catizone@studio.unibo.it	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	0	10	6
8.66666 camilla.neri7@studio.unibo.it	10	10	8	8	8	10	10	10	0	10	10	10	10	6	10				
7.42857 wiesjohanna.ruyters@studio.unibo.it	9	7	7	7	7											10	5		
7.52631 valentina.cozzi@studio.unibo.it	10	9	8	9	9	10	10	10	0	0	10	10	10	10	10	10	0	4	4
9 alisia.zarbo@studio.unibo.it	10	10	10	7	7	10	10	10	10	10	10	10	7	7	7				
8.15789 ekaterina.kolevatova@studio.unibo.it	8	8	7	7	8	10	10	10	0	4	7	7	9			10	10	10	10
9.27777 giulia.venditti@studio.unibo.it	9	9	7	7	9	10	10	10	10	10	10	10	8	8		10	10	10	
9.17647 lorenza.pierucci@studio.unibo.it	10	10	10	10	10	10	10	10	10	10	10	10	8	8		10	0		
7.4 denise.biasio@studio.unibo.it	7	8	7	8	7														
7.46666 maede.hajjari@studio.unibo.it	8	9	7	9	7	10	10	10	0	0	10	10	10	5	7				
9.16666 davide.brembilla98@gmail.com						10	10	10	10	10	10	10	10	10	10	10	0		
8.25 ilaria.rossi24@studio.unibo.it						10	7	10	0	10	5	9	10	10	10	10	8		
9.7 laura.travaglini.4@icloud.com						10	10	10	7	10	10	10	10	10	10				
8.57142 alessandro.rosa7@studio.unibo.it						10	10	10	10	10	10	10	10	7	7	10	0	10	6
8.75 enrica.zani@studio.unibo.it						10	10	10	10	10	10	10	10	8	7	10	0		
6.5 sofia																10	0	6	10
10 francesca.borriello@studio.unibo.it																10	10	10	10

Solutions (test 3 and 4)
https://github.com/marilenadaquino/epds/blob/main/2021-2022/tutorials/questionnaire_results.ipynb

TRIVIA RESULTS!

Get to know your audience

Look in social media pages / forums

Propose a survey/poll on/questionnaire

Read literature

What is your audience

Auctioneers	Art historians / critiques	Museum or exhibition curators
Scholars / students	Universities	Art passionates
Teachers	Funding agencies	random users

What do they care about

Access data from different institutions from a single place

Understand on which collections worths to invest (economically)

Visualize connections between data for entertainment

Understand relations between sources and their territory

Gather information on the curators of collections

Quick answers to exploratory research questions on collections

Find non-mainstream art topics

Gather photographs of artworks

Study relations between people/movements and historical context

What do they need to do?

Learn new trends in art history	Create relations between artistic periods	Enrich existing data
Cite and reproduce studies	Gather data to decide which collections to invest on for the preservation	Create exhibitions on interesting topics
Differentiate topics of study	Collaborate with institutions	Compare study results with others

What is the benefit of their actions?

Study different topics broaden their perspectives

Validate research results and become seminal

Collaboration enriches networks

Receiving fundings allow to better preserve collections

Learn new methodologies and technologies

Engage with stakeholders/visitors

What is the risk if they don't act?

Be in a comfort zone and do not make new discoveries

No fundings means no preservation of history

Do not get inspiration from other works

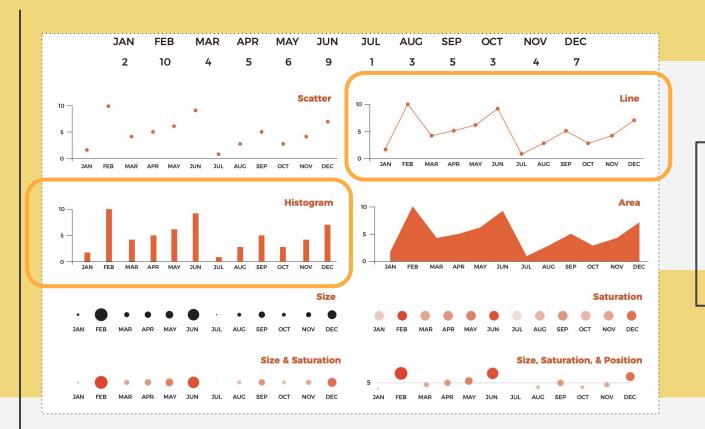Partial knowledge of the domain results in partial results

One-sentence idea

Create a network of people and institutions passionate about art and art historiography out of the mainstream trends of the big players art and cultural cities.

Art matters. Founding agencies must know its value in order to provide art collections with adequate resources for their preservation nevertheless in order to save and promote their knowledge to future audience.
For art to be known in future, we need to show its value now.

The study would be beneficial for art history researchers because it shares the raw data, the methodology and the results in a way that is possible for other researchers to repeat the process, learn something and validate research.

Which graph?

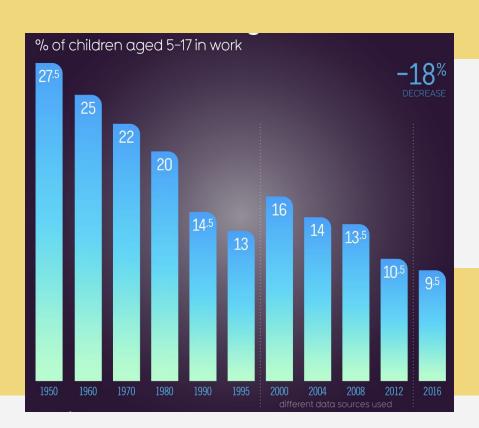|	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	2	10	4	5	6	9	1	3	5	3	4	7

Assuming the most important information is WHEN we travel, and HOW MUCH we travel in some period...

How many graphs?

	2014	2015	2016	2017
Others	167 K	789 K	1.32 M	2.34 M
Search	204 K	883 K	1.32 M	2.51 M
Social Media	0	3.12 M	5.43 M	10 M
Direct	534 K	3.54 M	5.50 M	8.43 M

Visitors: 0 — 10 M

Table
Heatmap
Timeline
Stack bar chart(ish)

Which title?

% of children aged 5–17 in work

−18%
DECREASE

27.5 | 25 | 22 | 20 | 14.5 | 13 | 16 | 14 | 13.5 | 10.5 | 9.5

1950 1960 1970 1980 1990 1995 2000 2004 2008 2012 2016

different data sources used

good news: child work is decreasing again

Child labor has more than halved since 1950. "Only" 9.5% children are now at work.

Child labour's decrease: a new millenium trend.

Which description?

% of children aged 5–17 in work

−18% DECREASE

27.5 — 1950
25 — 1960
22 — 1970
20 — 1980
14.5 — 1990
13 — 1995
16 — 2000
14 — 2004
13.5 — 2008
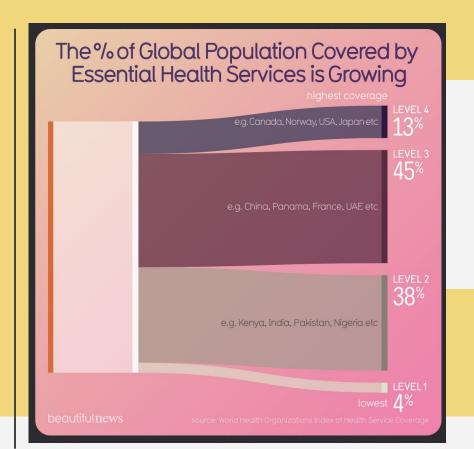10.5 — 2012
9.5 — 2016

different data sources used

the graph shows the percentage of children aged 5–17 that are working over time

The graph is showing the percentages of children aged 5–17 that are at work in the span of time between 1950 and 2016. The graph shows a decreasing tendency (with the only exception of the beginning of 2000s) that has brought to the encouraging result of only the 9.5% of children at work in 2016, with a decreasing value of 18% since 1950.
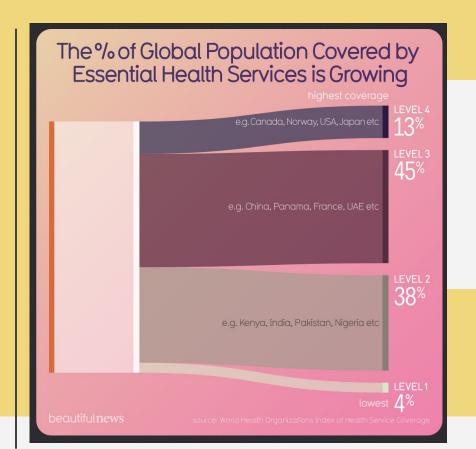
Percentage of kids aged between 5 and 17 that were in work in the years represented. The data show that the number of kids in work decreased by 18% from 1960

Which audience?

The % of Global Population Covered by Essential Health Services is Growing

highest coverage

LEVEL 4
13%
e.g. Canada, Norway, USA, Japan etc

LEVEL 3
45%
e.g. China, Panama, France, UAE etc

LEVEL 2
38%
e.g. Kenya, India, Pakistan, Nigeria etc

LEVEL 1
lowest 4%

beautifulnews

source: World Health Organizations Index of Health Service Coverage
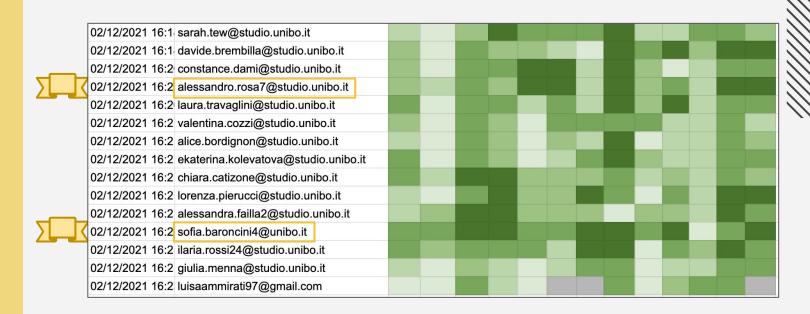
Politicians / ONG / charities

People willing to move abroad

Social scientists

Citizens

Which action?

The % of Global Population Covered by Essential Health Services is Growing

highest coverage

LEVEL 4
13%
e.g. Canada, Norway, USA, Japan etc

LEVEL 3
45%
e.g. China, Panama, France, UAE etc

LEVEL 2
38%
e.g. Kenya, India, Pakistan, Nigeria etc

LEVEL 1
lowest 4%

beautifulnews

source: World Health Organizations Index of Health Service Coverage

Promote services to fill the gap

Choose in which country to move in

Study the impact of services in growing countries

Rise awareness

...and the winners are

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02/12/2021 16:2	luisaammirati97@gmail.com

See your answers here

missing	not so well	you got it but..	mmm..good!	veeery good	wow!

THE END :)