

# Visualisasi Data dan Informasi

## Praktikum 13 – Flowing Data

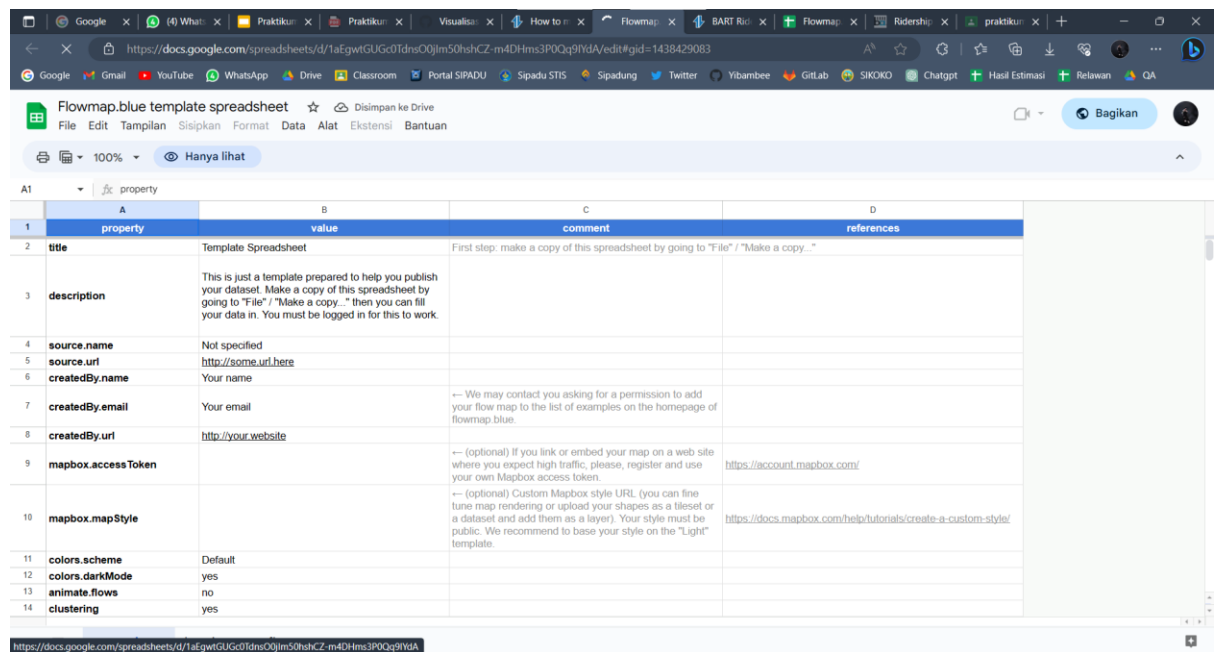
Komang Niko Romano Prodi – 222011356 – 3SD1

### Tahapan

#### 1. Siapkan Data

Data yang digunakan adalah BART Ridership 2021. Data dapat diperoleh melalui [Ridership Reports | bart.gov](https://www.bart.gov/ridership-reports)

#### 2. Open the template spreadsheet

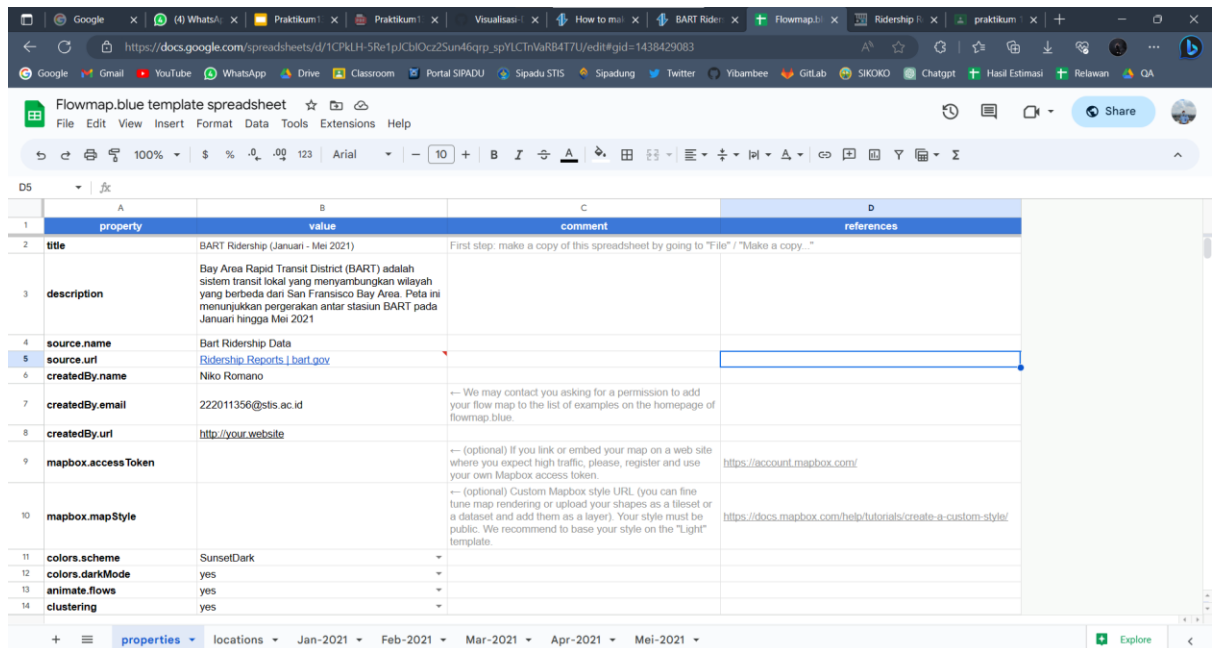


The screenshot shows a Google Sheet titled "Flowmap.blue template spreadsheet". The sheet has four columns: A (property), B (value), C (comment), and D (references). The rows contain the following data:

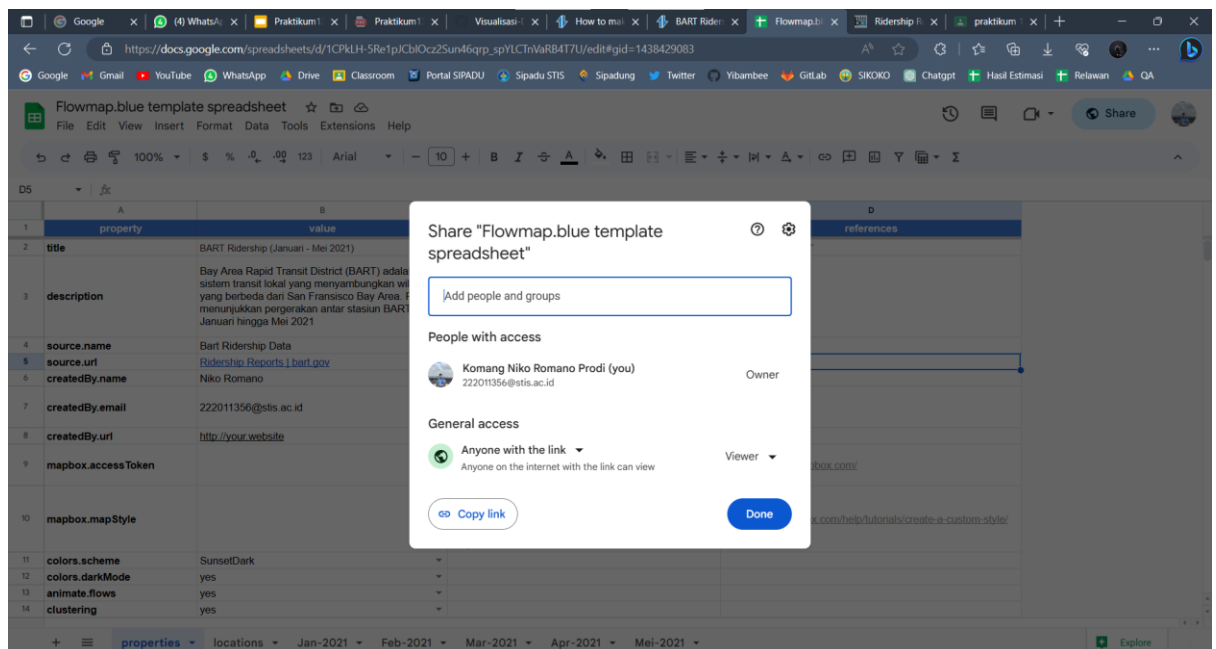
|    | A                  | B  | C  | D   |
|----|--------------------|--|--|---|
| 1  | property           | value  | comment  | references  |
| 2  | title              | Template Spreadsheet   | First step: make a copy of this spreadsheet by going to "File" / "Make a copy..."  |   |
| 3  | description        | This is just a template prepared to help you publish your dataset. Make a copy of this spreadsheet by going to "File" / "Make a copy..." then you can fill your data in. You must be logged in for this to work. |  |   |
| 4  | source.name        | Not specified  |  |   |
| 5  | source.url         | <a href="http://some.url.here">http://some.url.here</a>  |  |   |
| 6  | createdBy.name     | Your name  |  |   |
| 7  | createdBy.email    | Your email   | -- We may contact you asking for a permission to add your flow map to the list of examples on the homepage of flowmap.blue   |   |
| 8  | createdBy.uri      | <a href="http://your.website">http://your.website</a>  |  |   |
| 9  | mapbox.accessToken |  | -- (optional) If you link or embed your map on a web site where you expect high traffic, please, register and use your own Mapbox access token.  | <a href="https://account.mapbox.com/">https://account.mapbox.com/</a>   |
| 10 | mapbox.mapStyle    |  | -- (optional) Custom Mapbox style URL (you can fine tune map rendering or upload your shapes as a tileset or a dataset and add them as a layer). Your style must be public. We recommend to base your style on the "Light" template. | <a href="https://docs.mapbox.com/help/tutorials/create-a-custom-style/">https://docs.mapbox.com/help/tutorials/create-a-custom-style/</a> |
| 11 | colors.scheme      | Default  |  |   |
| 12 | colors.darkMode    | yes  |  |   |
| 13 | animate.flows      | no   |  |   |
| 14 | clustering         | yes  |  |   |

Sesuaikan sheet properties, locations, dan flows sesuai keinginan

#### 3. Make a copy of it (find "File" / "Make a copy..." in the menu)



- Click the “Share” button, then change the selection from “Restricted” to “Anyone with the link” in the drop-down under “Get link”. Read more...



- Copy the link to your spreadsheet and paste in link <https://flowmap.blue/how-to-make-a-flow-map>

Google x (4) What x Praktikum x Praktikum x Visualisa x How to x Flowmap x BART Ridership x Flowmap x Ridership x praktikum x +

https://flowmap.blue/how-to-make-a-flow-map

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## How to make a flow map

To visualize and publish a data set as a flow map you need to have a Google account. [Sign up here](#) if you don't.

Follow these steps:

1. Open the template spreadsheet
2. Make a copy of it (find "File" / "Make a copy..." in the menu)
3. Add data to the new spreadsheet. [Read more...](#)
4. Click the "Share" button, then change the selection from "Restricted" to "Anyone with the link" in the drop-down under "Get link". [Read more...](#)
5. Copy the link to your spreadsheet and paste it here:

[https://docs.google.com/spreadsheets/d/1CPkLH-5Re1pJCblOcz2Sun46grp\\_spYLCtnVaRB4T7U/edit#gid=100230](https://docs.google.com/spreadsheets/d/1CPkLH-5Re1pJCblOcz2Sun46grp_spYLCtnVaRB4T7U/edit#gid=100230) ✓

6. Open [https://flowmap.blue/1CPkLH-5Re1pJCblOcz2Sun46grp\\_spYLCtnVaRB4T7U](https://flowmap.blue/1CPkLH-5Re1pJCblOcz2Sun46grp_spYLCtnVaRB4T7U)

If you are not comfortable uploading your data to Google Sheets, consider using our In-browser flow map or load CSV files from any specific URLs as described [here](#).

### Tools

## 6. Open [https://flowmap.blue/1CPkLH-5Re1pJCblOcz2Sun46grp\\_spYLCtnVaRB4T7U](https://flowmap.blue/1CPkLH-5Re1pJCblOcz2Sun46grp_spYLCtnVaRB4T7U)

