

Modop HappyFew (English Version)

Last update : 31/12/25
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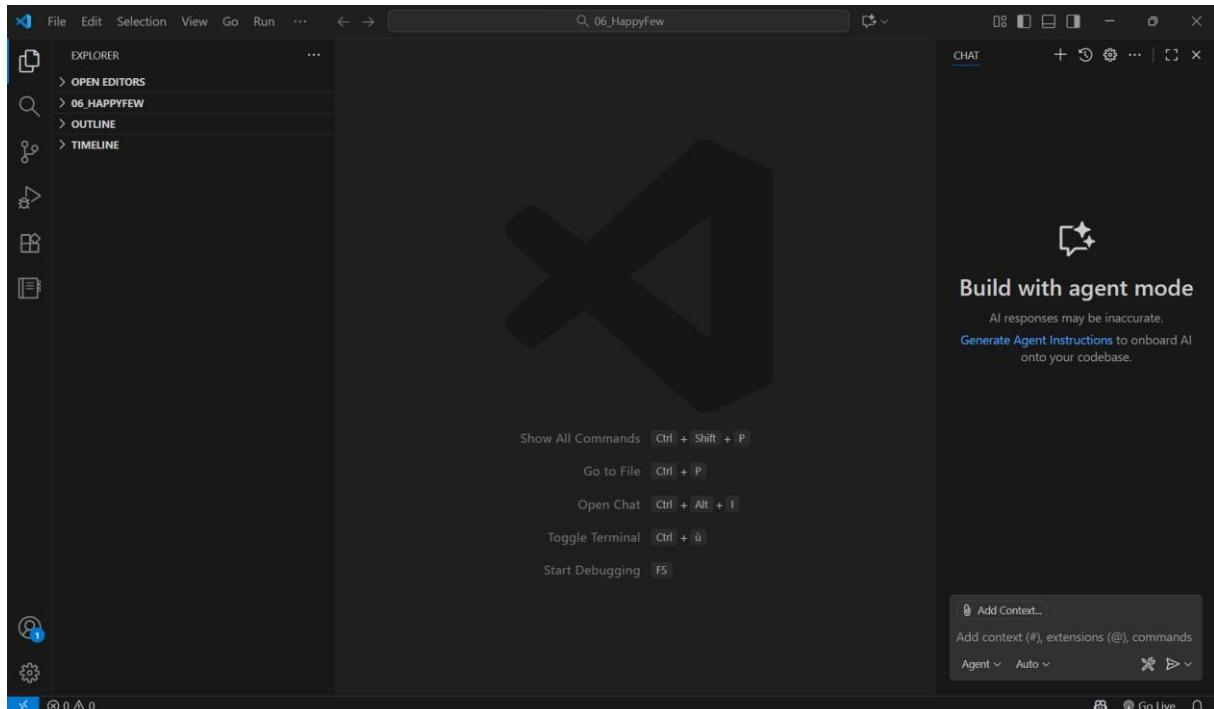
Contacts

If you have any questions, you can contact me here:

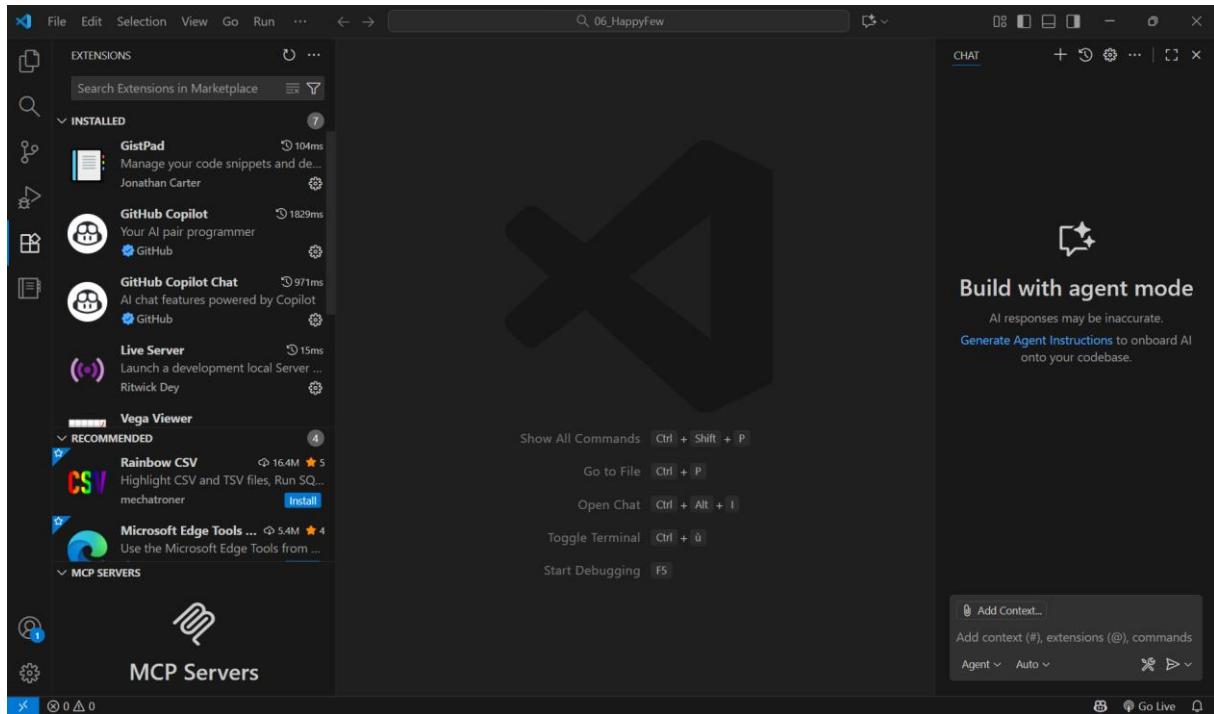
Email : nathanbodin01@gmail.com
Linkedin : Nathan Bodin
Instagram : @nathanbod1

Initialization

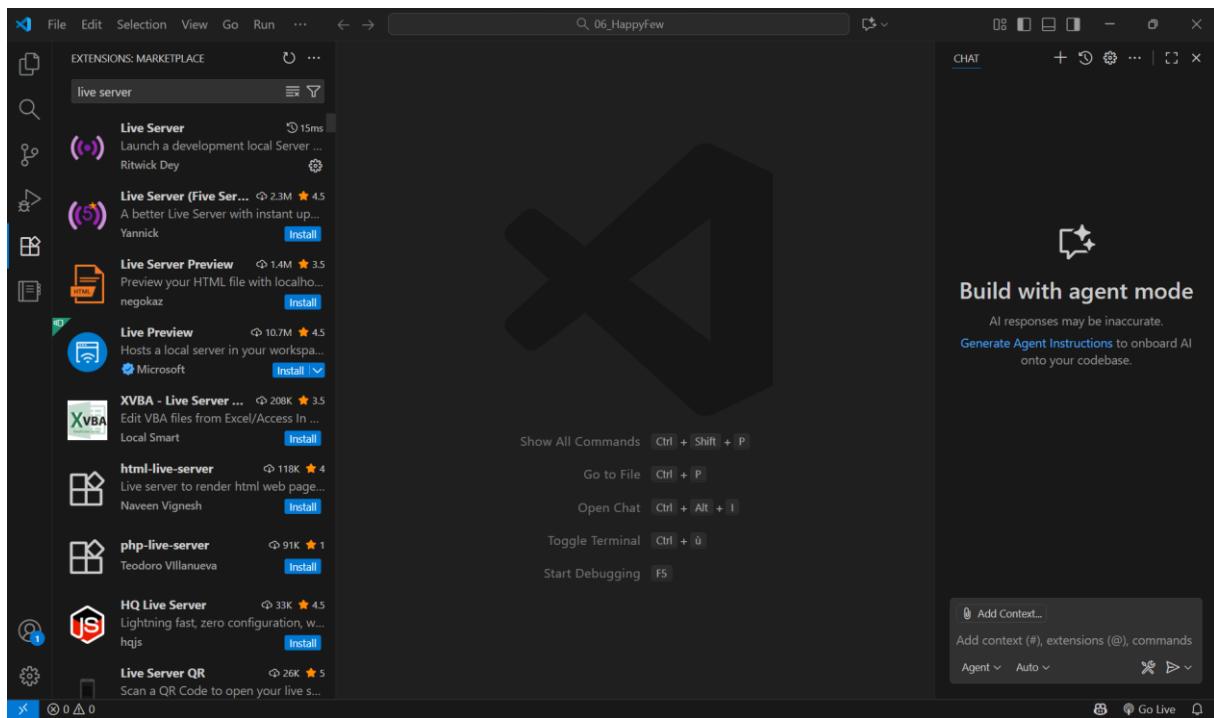
- Install « VisualStudioCode » and then open it.



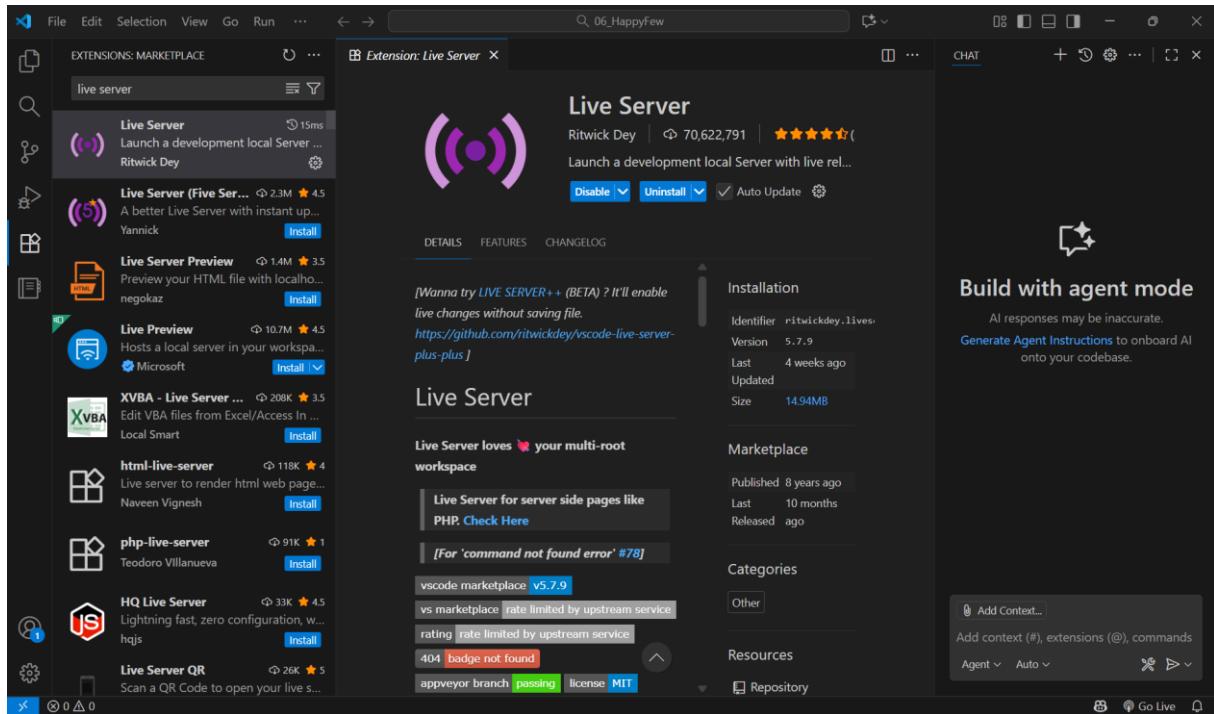
- Here is the home page
Click on « Extensions » (on the left of the screen)



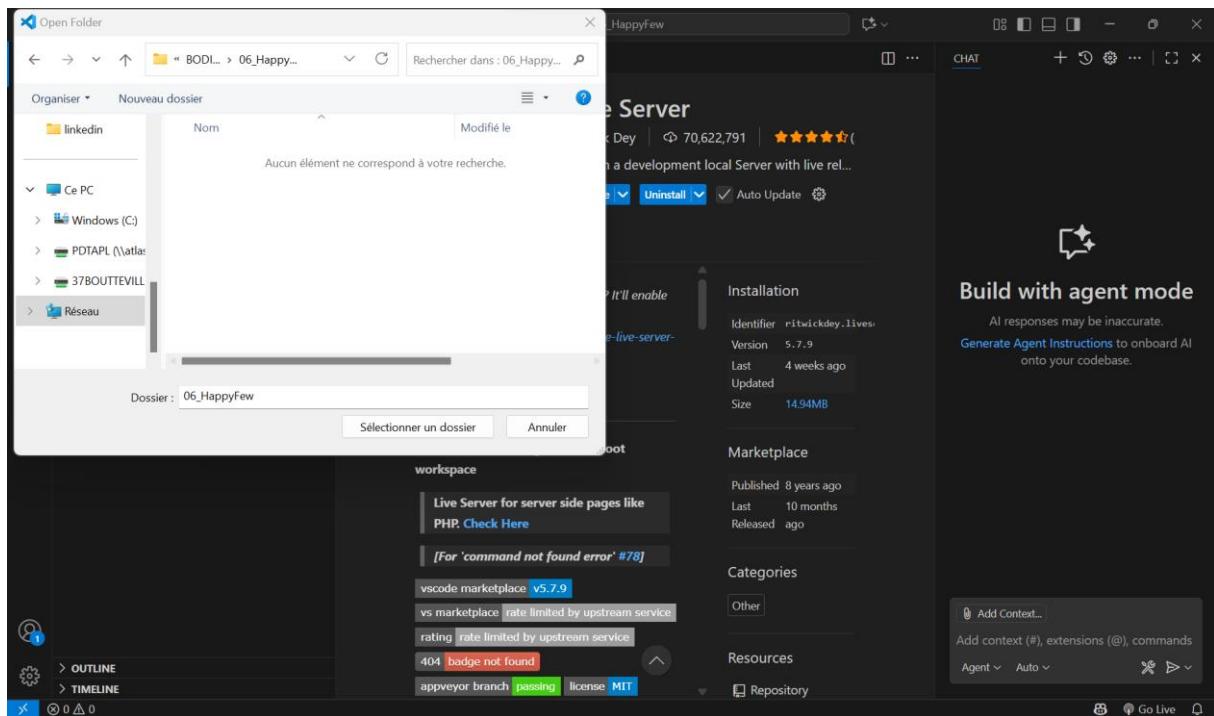
- In the search bar, type "Live server"



- Click on « Live Server »

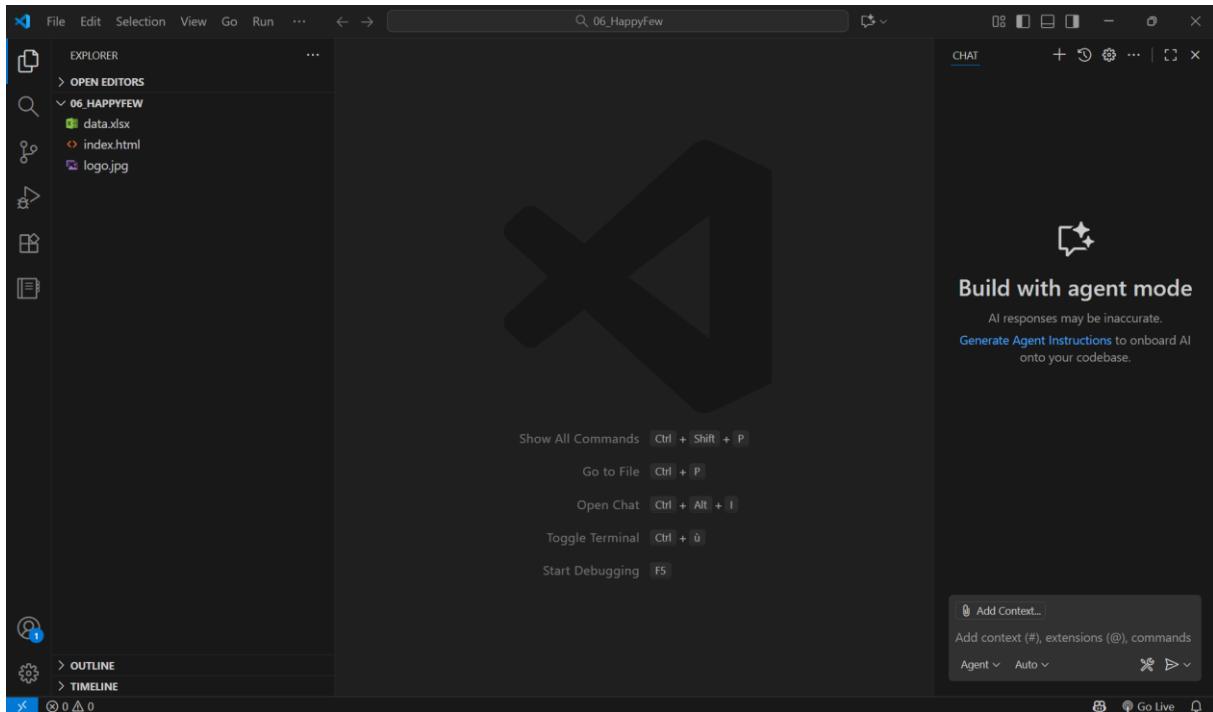


- Install



Once the "Live Server" installation is complete

- Click on "File" -> "Open Folder" and then choose the folder that contains the .html code.



On the left you can see that your folder name has appeared (here it is "06_HAPPYFEW")

- Click on « index.html »

Column mapping

```

<html lang="fr">
<body>
<script>
    function loadExcelData(filePath) {
        .then(response => response.arrayBuffer())
        .then(data => {
            const workbook = XLSX.read(data, { type: "array" });
            const firstSheetName = workbook.SheetNames[0];
            const worksheet = workbook.Sheets[firstSheetName];
            return XLSX.utils.sheet_to_json(worksheet, { defval: null });
        });
    }
    // --- Lecture du fichier Excel ---
    loadExcelData("data.xlsx").then(function(data) {
        // === CONFIGURATION DES COLONNES ===
        const selectedColumns = ["Agents", "Teams", "Programmes", "Taches", "Missions", "Debut", "Fin", "Types", "Cou"];
        const renamedColumns = ["Category", "Subcategory", "Segment", "Subsegment", "Item", "Start", "End", "Legend"];
        const columnsToFilter = ["Agents", "Teams", "Programmes", "Taches", "Missions", "Types"];
        // === FIN DE LA CONFIGURATION ===

        const csvColumns = Object.keys(data[0] || {});

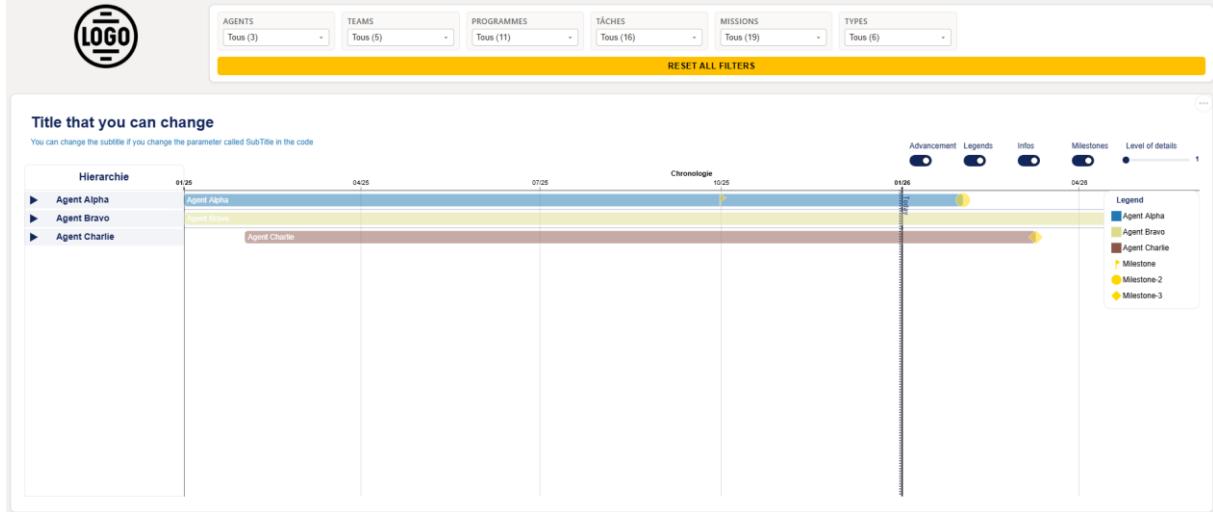
        // --- Mapping des colonnes ---
        let mappingData = data.map(item => {
            const newItem = {};
            selectedColumns.forEach((csvCol, i) => {
                if (csvColumns.includes(csvCol)) {
                    newItem[renamedColumns[i]] = item[csvCol];
                } else {
                    console.warn(`Colonne "${csvCol}" non trouvée dans Excel`);
                    newItem[renamedColumns[i]] = null;
                }
            });
            return newItem;
        });
    });
}

```

In the code

- Go down to reach lines 157, 159, 160 and 161
- 157 = Path to your dataset (here it's data.xlsx)

- 159 = The columns in your dataset that you want to visualize
- 160 = Renaming these columns (Here the "Agents" column will be renamed to "Category")
- 161 = The columns you want to be able to filter
- The Vega source code (the same as Power BI's) starts at line 270



Here is the result

As for the configuration and mapping, it's exactly the same as on Power BI (see English/French Modop Vega Tool.pdf)

Remerciements

I would like to thank:

- Arnaud GELLEZ for the help and support he gave me in the creation of this tool.
- Thibaud GUERET, Laetitia BARILLET, Christophe DURAND and Aurore CABRERA for their user feedback.
- Davide BACCI, whose [work](#) inspired me to create this tool.
- Madison GIAMMARIA whose [work](#) inspired me to create this tool.