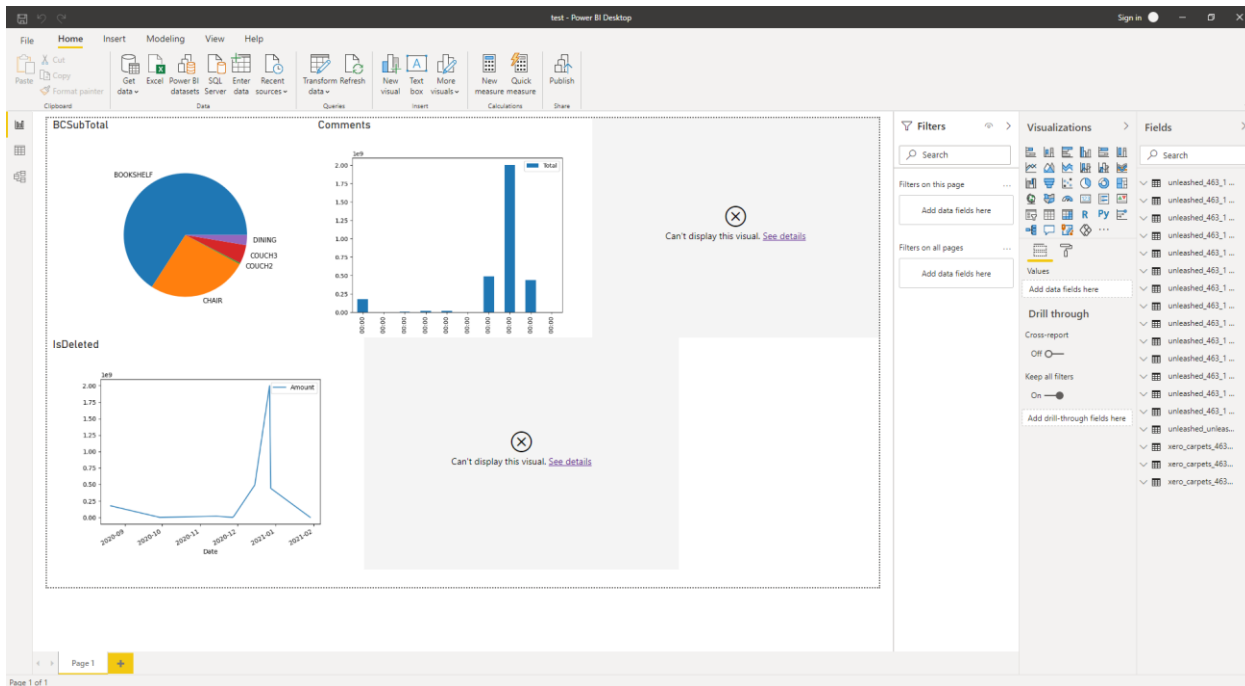


# Visuals on Power BI



## Pros

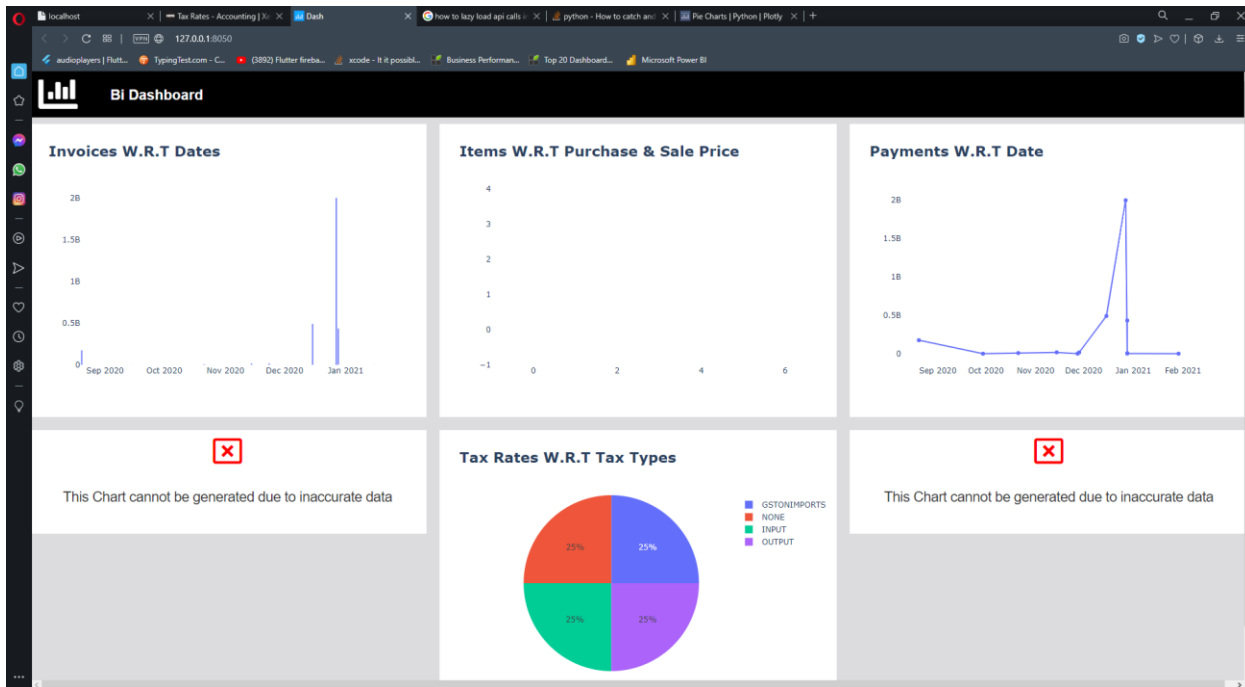
- Since we need scripts for API calls, user cannot do anything. There is no interaction. And graphs are older. Hence no pros.

## Cons

Python visual is an excellent feature to use with Power BI, but it has few limitations:

- Write lengthy and repetitive scripts for each graph
- A dataset of maximum 150,000 rows can be used for the Python plot. Not more than this.
- We cannot prepare an interactive image with it.
- Python script will give a timeout error after 5 minutes of execution
- Python plots cannot be used for cross-filtering.
- The following Python packages (non-Intel MKL) are currently supported:
  - Matplotlib
  - NumPy
  - Pandas
  - Scikit-learn
  - SciPy
  - Seaborn
  - Stats model

# Visuals on DASH



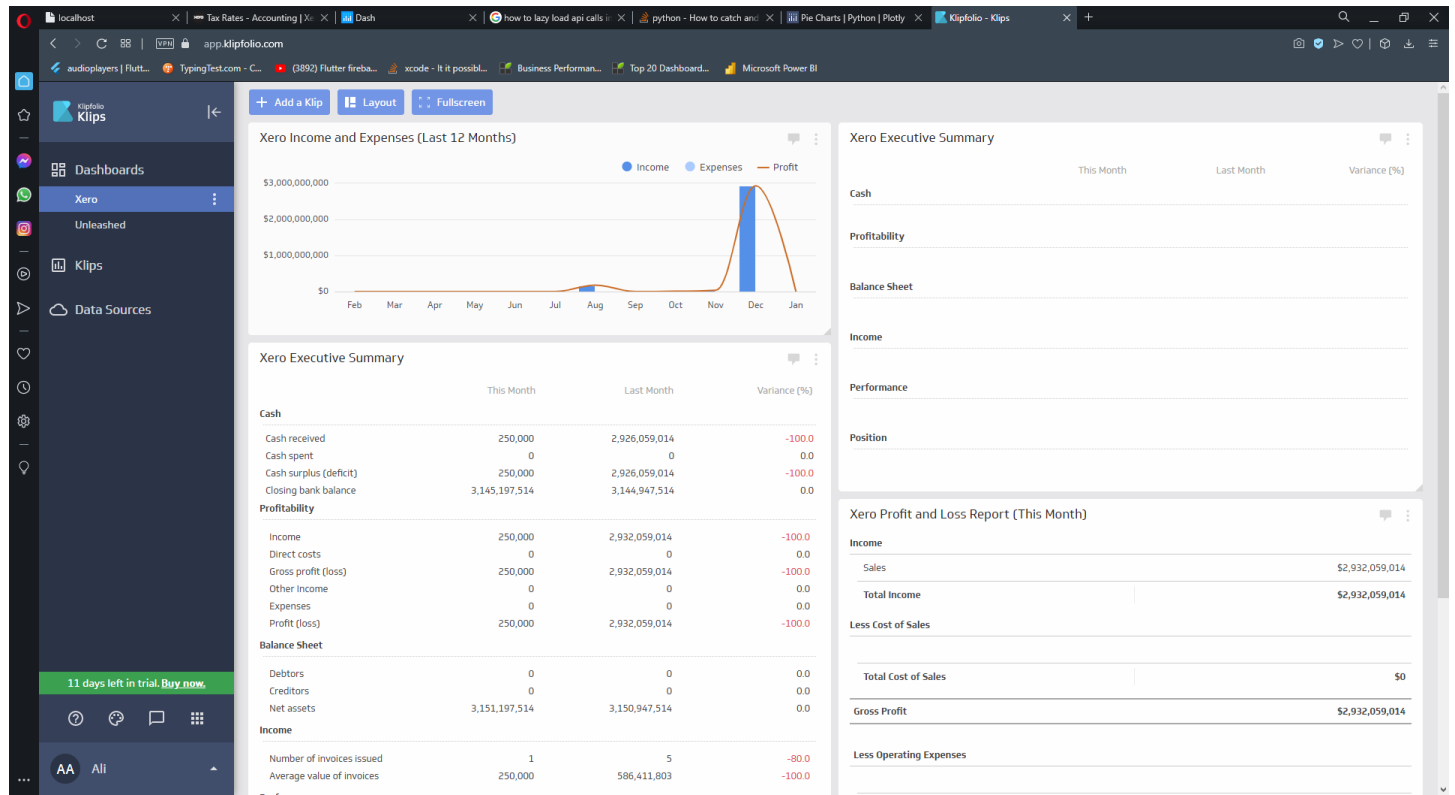
## Pros

- The graphs here are interactive.
- More control over data
- Can be changed easily for more appealing views.

## Cons

- The logic is rather complex
- The loading
- time for the current approach is a lot, I would have to look for other logic.

# Visuals on Klipfolio



## Pros

- The graphs here are interactive.
- Graphs are visually appealing.
- Less loading time and refresh does not change the front view.
- Better handling of APIs

## Cons

- Buying the package
- Graph editor is complex, would need to learn their query system.