SQL

Given a table with a following schema

```
Table "public.matrices"
 Column |  Type   | Modifiers
--------+---------+-----------

 matrix | text[] | not null
```

which holds a set of two-dimensional text arrays i.e.

```
     matrix
--------------------
 {{1,2,3},{4,5,6}}
 {{a,b,c},{d,e,f}}

(2 rows)
```

your goal is to wite a SELECT statement or a CTE that returns array data in a transposed form

```
      matrix
----------------------
 {{1,4},{2,5},{3,6}}
 {{a,d},{b,e},{c,f}}

(2 rows)
```

You can't use / create user definded functions and resort to procedural PL/pgSQL.

EDA Analysis

Provide EDA Analysis for dataset: link

Desired Output

Tableau worksheet (You can use public tableau) and text part (Jupyter notebook) for conclusions