Literature Review to propose a Visual Design for an interactive Visualization

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Tabular data plays an important role in many different fields, such as biology or computer science. During a project, however, a single table can change over time. The aim of this document is to propose a visual design for an interactive visualization that allows a user to explore the evolution of a single table over time. It contains a quick literature review in order to find out how other scientists have approached similar research problems before.

Goal: Demonstrate your ability to design a novel visualization.

1 Structure of a Table

This section focuses on different structures of a table. How choosing a proper design layout as well as how to deal with adding and removing columns or rows.

1.1 General Layout

1.2 Add/remove Columns and/or Rows

2 Content of the Table

This section presents

3 Order of the Columns and Rows

This section will show the latest research and the different techniques used to generate further insights into the given data set by arranging columns and rows user-specifically.

4 Additional Considerations

Most of the work in this section target generating

4.1 Data Type

4.2 Big Data

4.3 More Columns than Rows / More Rows than Columns

References