Generate Association Rules in Tableau (Data Mining)

Association Rules is a data mining technique for database exploration. Normally, it is used in a large dataset.

Association Rules is used to explore database in order to discover interesting relations between variables in a database.

Good examples of Association Rules are known mostly in Market Basket analysis, having Walmart as the biggest example when a man doing the shop on Friday night buying diaper, they also bought beer in almost 100% of cases.

Let's imagine this feature in Tableau, computing Association Rules while we are playing with our Database in the visualisation, adding filters and calculated fields.

I would like to have a feature to create Association Rules in Tableau automatically.

The current scenario to create association rules:
- Connect to the Database
- Prepare a table/visualisation
- Export to CSV
- Prepare the CSV
- Connect to a Data Mining Tool (i.e. Weka)
- Create static Associate Rules

The best part of having this feature in Tableau is that we already connect to a database and now it is also possible with cross database join. In addition, we have the possibility of creating filters and calculated fields, joining them in the database and so on it is another opportunity to make the association rules even better.

My idea is that we could create a dynamic table with the result of the association rules in Tableau, according to some defined visualisation.