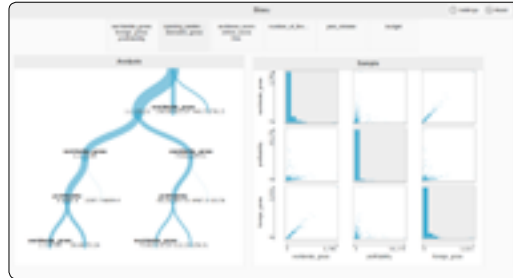


# 27. Lost in your data? Let Blaeu give you a few tips

Companies, governments, organizations and scientists have access to more and more data. But only a few of them have access to enough statisticians, enough visualization experts and enough processing power to explore the full richness of all these data.

To solve this problem, we have developed a data exploration tool called Blaeu. Our system is named after the famous 16th century Dutch cartographer Willen Blaeu. Our 21st century Blaeu is a digital 'data cartographer'.

Blaeu works as a graphical user interface which guides non-technical users through their data. Through a combination of cutting-edge database technology, smart machine learning algorithms and effective visualizations, Blaeu will change the way people explore their data.



### ICT science question

How can users who know close to nothing about databases become data scientists?

### Application

We have initially developed Blaeu to help astronomers to explore their databases. This domain is challenging, because we have to deal with huge volumes of data, and because we may not even know what we are looking for.



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COMMIT/ project  
TimeTrails Spatiotemporal Data Warehouses for Trajectory Exploitation

### Alternative Application

Our technology can help anyone with quantitative data. We love science, marketing, finance and the chemicals behind good wines.



Our technology makes data processing maths and algorithms easy to use. Therefore, more people can understand and monetize data.



Our system helps people write database queries with machine learning and visualizations. Instead of writing code, people select and zoom into maps.



Our prototype is an unprecedented attempt to make machine learning available to anyone with numerical data.



Our demo combines in-memory analytics, subspace clustering and hierarchical visualizations to enable fast database exploration.

