Immersive Analytics

Takeaway:
We all are living in the era of big data. In almost all fields we work and interact with huge amount of data which are difficult to read and takes time to understand. One of the best ways of helping scientists who need to work with huge amount of data is using the Immersive Data Visualization, which means using the VRE, like VR headsets, Cave or other 3D immersive tools, to place the user in the middle of the data and let them see and understand the data and also in some cases directly interact with it.

My Question:
If we want to give the data visualisation order, what would be the order of immersion in understanding the big data?

My view:
In my view it is definitely good if we can visualize big data in VRE, but not all of them are useful. For instance in my personal experiences I prefer to interact with the 3D data on a 2D platform in a rotatable and small size. To be able to see all sides, zoom in/out and explore the details. Instead of making the user move their head we can easily ask them to change their point of view by using their hands, which is easier and more comfortable also for me (if I am a user).

Liquid Architecture

Takeaway and my view
I have read this article after the “Immersive Analytics” and when I was reading this one, it totally makes sense for me to use the liquid architecture for the VRE in dataVis. When we want to place the user in another environment, wherever it wants to be, it should have specific architecture. But the data structure does not have similar architecture as our real environment. So the definition of the liquid architecture is the best fit for the VRE in dataVis.

My question:
What is the level of the satisfaction of the user when we place them in the liquid architecture environment?