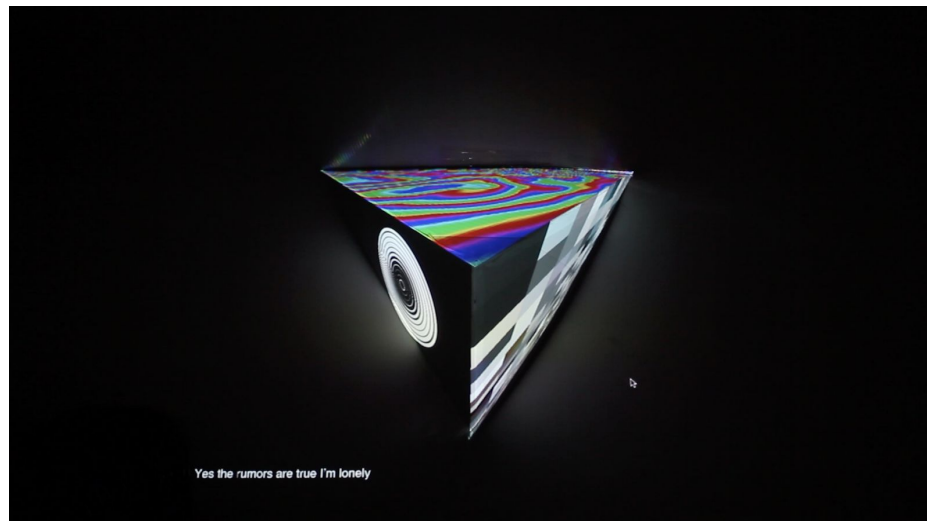


# Generative Sound of Data Sea

The title of the work is the generative sound of data sea<sup>1</sup>. One part of the work is to generate sound from the data. I grabbed related Weibo data containing a certain keyword through python and recognized the emotion of the text through an AI text analysis tool. After getting an emotion value, I use it finally trigger the sound in MAX/MSP. Positive emotions correspond to the cheerful C minor, and negative emotions correspond to the low F major. The end effect is a continuous, data-driven sound composed of emotions in the context of the data sea. The other part of the work is a sound device plus projection, which contains interactive elements. Touching different parts of the device will trigger different sounds. Audiences can create their new sound in the background sound of the data ocean, forming a sound combination.



projection part(show the real time texts of twitter)

What is data? Humans have been analyzing data thousands of years ago, and ancient Mesopotamian bookkeepers invented writing to keep track of records. In the Bible era, large population databases were established through censuses. In a way, data is a record of information.<sup>2</sup> We have entered the era of big data, and the ability to generate data has been

1, work's link : <https://vimeo.com/379547055>

2, Kenneth Cukier, Big Data: a Revolution That Will Transform How We Live Work and Think (2014), 73

I try to turn data into a sound. A sound from the ocean of data. I hope to use this work intended to cause the audience to think about the relationship between data and human. We live in data, we are constantly generating data, we are manipulated by data, and where is the future of data We don't know yet, but we know the world is essentially composed of information. The chaotic ocean of data is like a sea of noise with hidden creativity. " It is better to let the data speak for itself".

The data produced by humans always invisible, keeping silence, present in a noise state. But now they are gradually taking some rights away from human being. I propose speculation that if we will gradually lose our freedom in the future. I would like to use sound to ask this question because the sound is a kind of language that could reflect the inherent problem, it also has a role as an indicator of presence, and sometimes it could develop to the metaphor for thinking.

This work is like a speculation, a dream for the cyber world. Not only human will not be lost in the noise of the data, but also will create a new resonance with the data. We will eventually break through the chain, break the system, and realize our true self in science and technology.