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Why does a simple data graphic sometimes say more than a thousand words? How do scientists find the ONE piece of information in vast amounts of data? And how do they make it visible?

We encounter data visualizations everywhere – on television, in newspapers, and online – and they play a major role in science. They tell stories, evoke emotions, and shape opinions. This is precisely why it's important to be able to read and critically evaluate them in order to recognize patterns and the information behind them and make informed decisions. Data visualizations help make sense of the vast streams of data we are confronted with every day. Good visualizations can be exciting, aesthetic, and insightful. They reveal what lies hidden in large amounts of data.