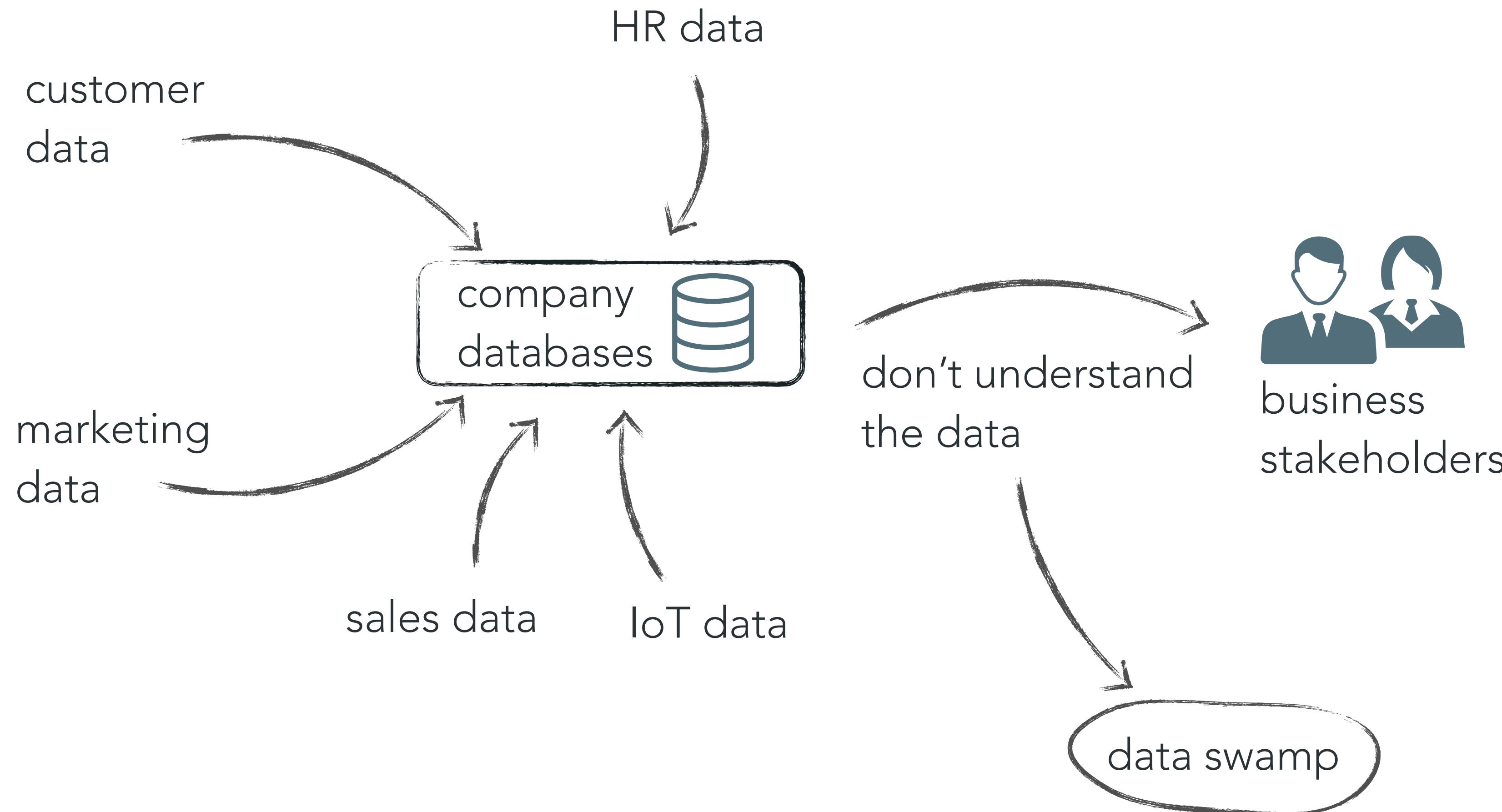


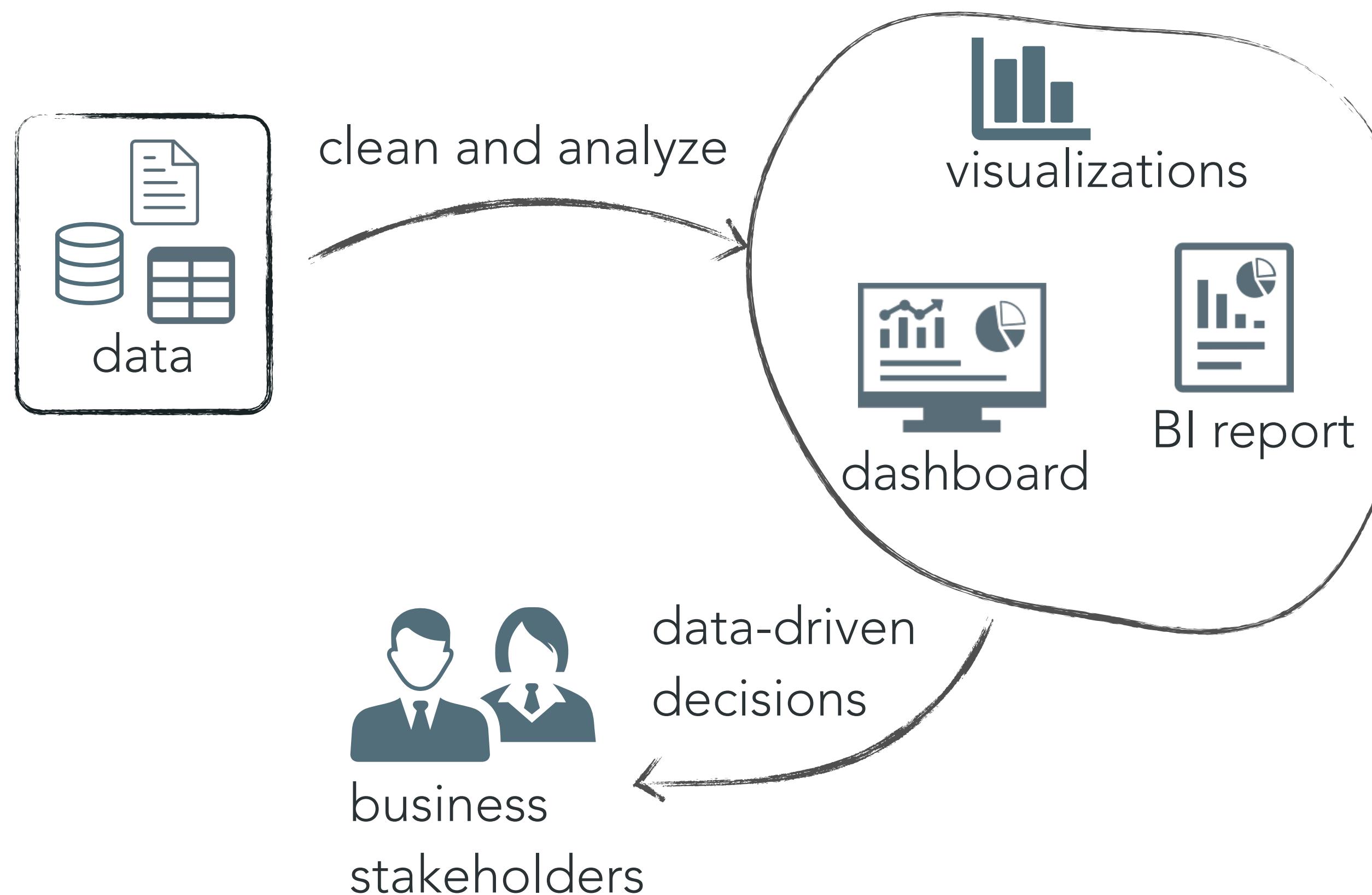
kokchun giang

creating effective
data visualizations to
support business to
make data driven
decisions

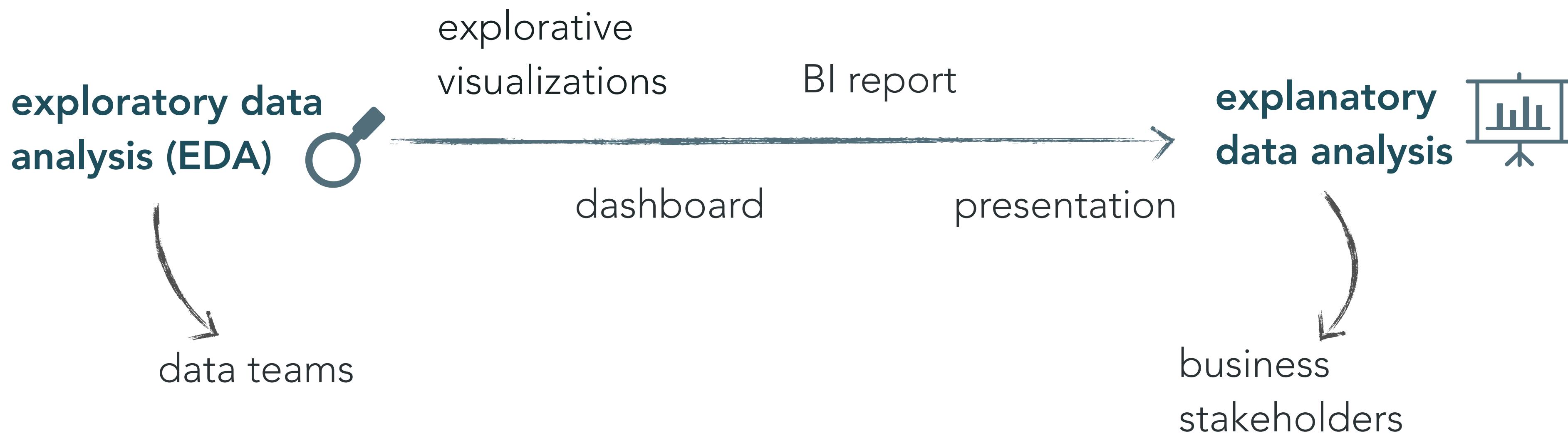
company is **collecting vast amounts of data** and it's hard to get value from the data by just collecting it



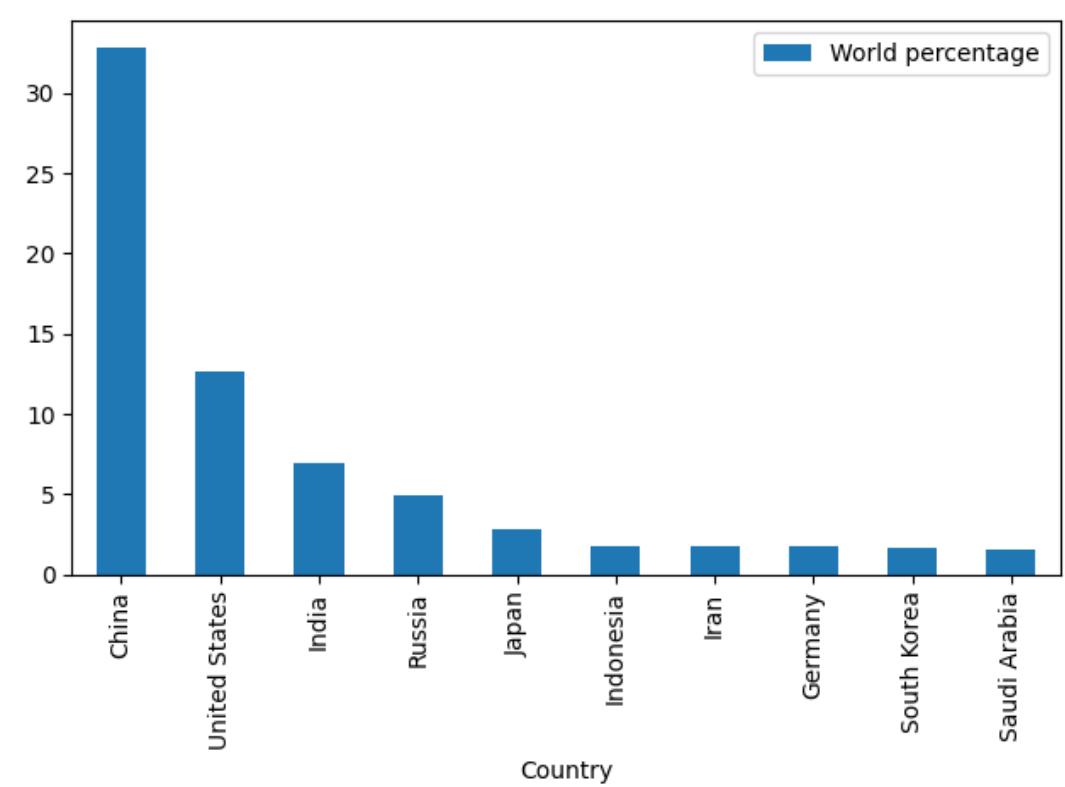
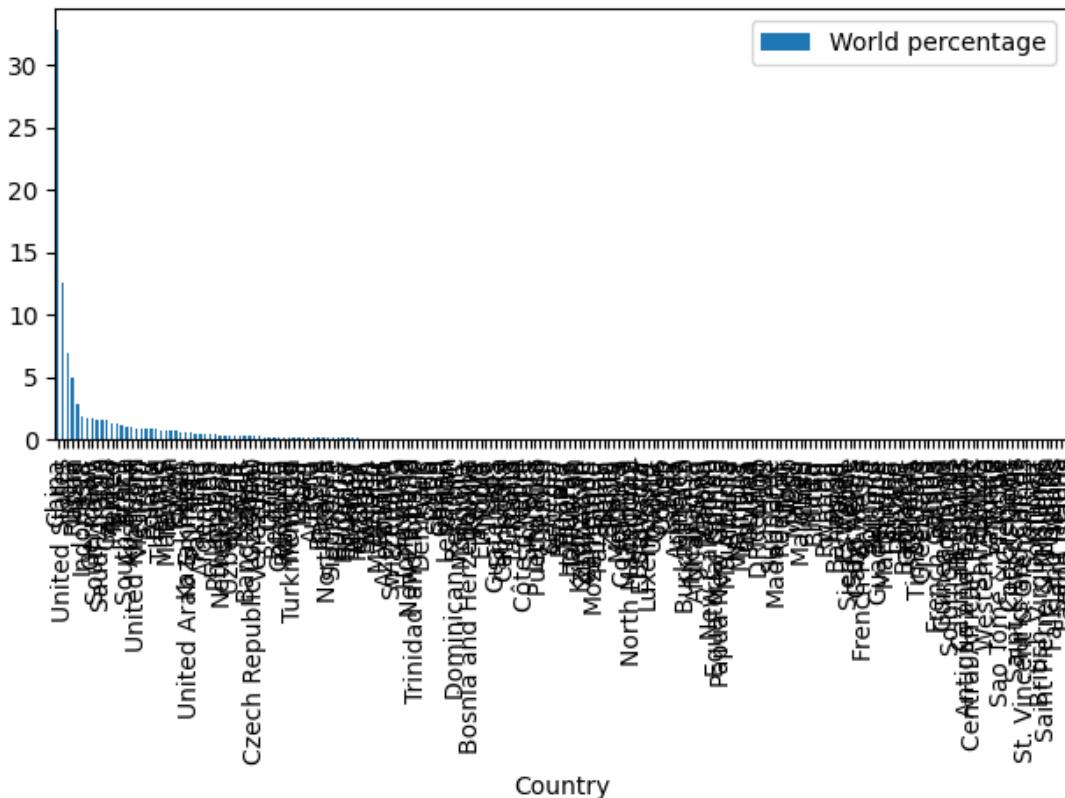
by **analyzing** and **visualizing** data we can support
data-driven decisions



there are **different types** of data visualization for different audiences



example of **exploratory** vs **explanatory** data analysis

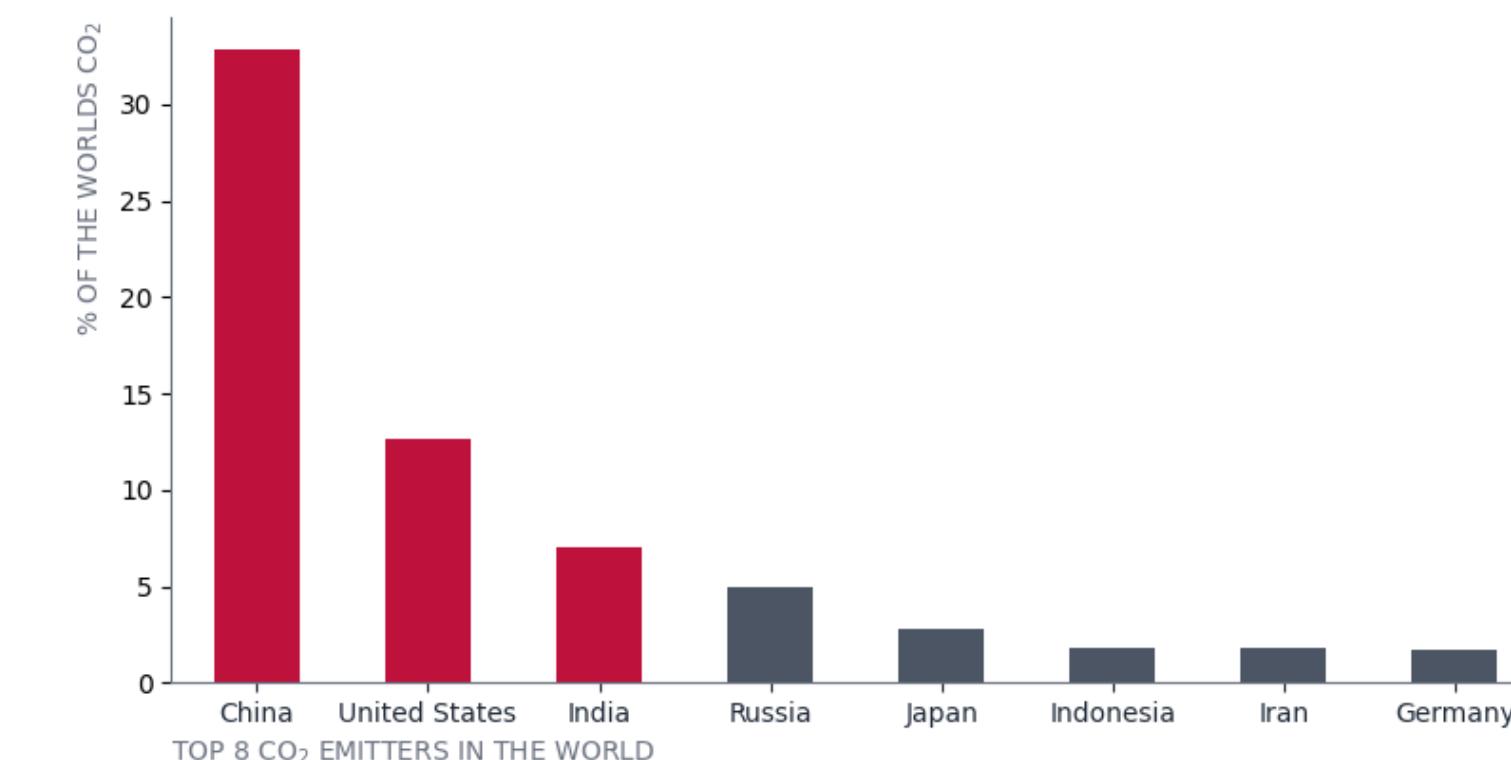


exploratory data analysis

data storytelling



The top three CO₂ emitters in the world stand for more than 50% of the world's total CO₂ emissions.



explanatory data analysis

example of **dashboard** application

Summer olympics dashboard

This dashboard shows 124 years of olympic data. In this demo, only summer olympics will be shown. The source of the dataset comes from here <https://www.kaggle.com/datasets/nitishsharma01/olympics-124-years-datasettill-2020>

description

Top 5 countries with most medals

USA	GBR	URS	GER	FRA
5300	2126	2063	1860	1768

KPIs

Medals filter country

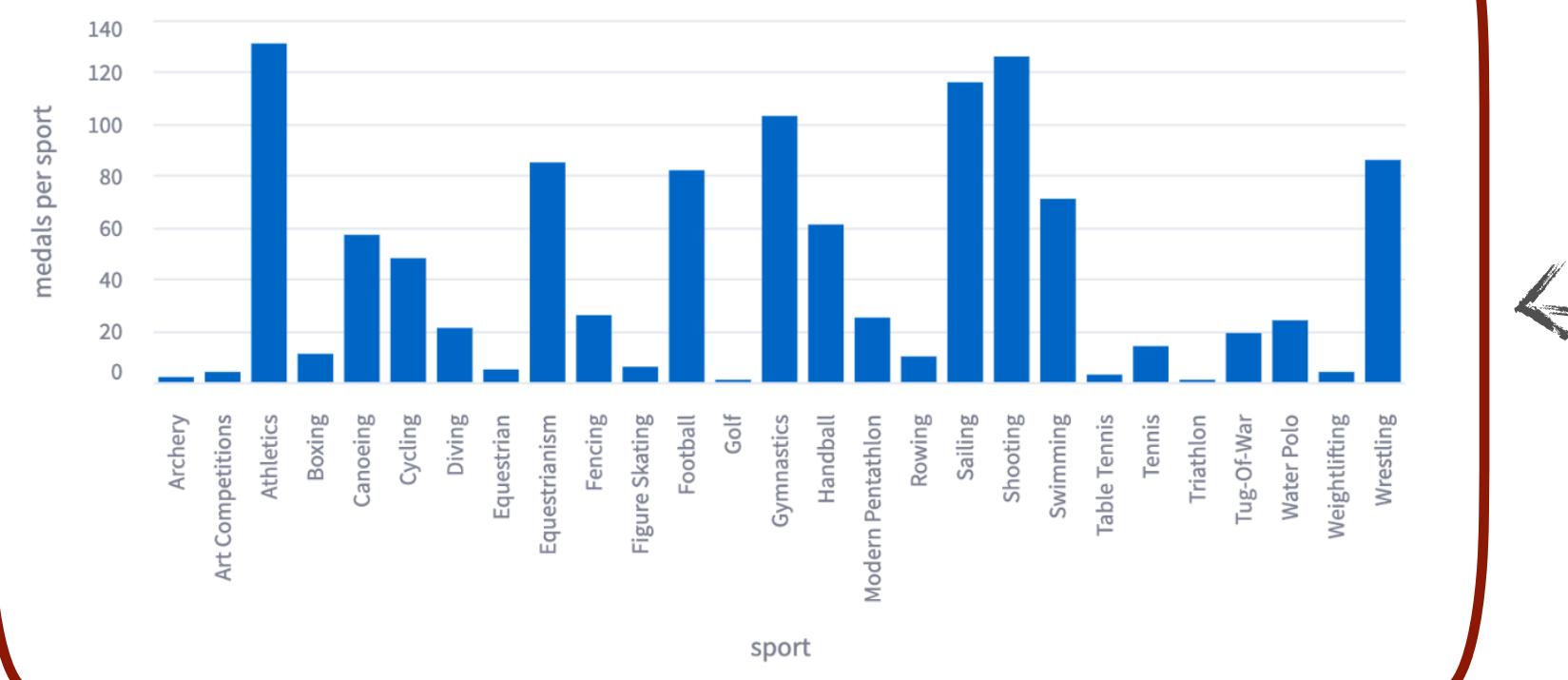
Select a country

Total medals Gold medals Silver medals Bronze medals

1142 360 424 358

filters

Medals per sport in Sweden



visualization

interactive application to understand, analyze and visualize data to find key insights

this dashboard application is created in streamlit

focus of this **data visualization** course

