

Scanned with
CS CamScanner



· It charaple the map at the top showing (C) emission
by country(per capita) for the year the follow intensity indicates
emission levels.

of global (a surrium to the historical trend

of global (oz emissions to 1950).

A stacked area graph shoning (o) emission by sectors

. A pie chart depicting the Coz emissen distribution among continents.

A scatter plot correlating (02 emissions with glabal mean temperature Changes.

Focas: the design emphysix global (°2 emission patterns and navigating throughton a geographical sectoral and temporal perspective public also interactive filters. highlighting the relationship between emissions and global making could be challenging.

Anthoritosmond (hong

Bate: 02/10/2024

Operations:

Viscis can hover over

countries on the map
to see detailed Coz

emissions per capita.

The stacked area
graph has a sector

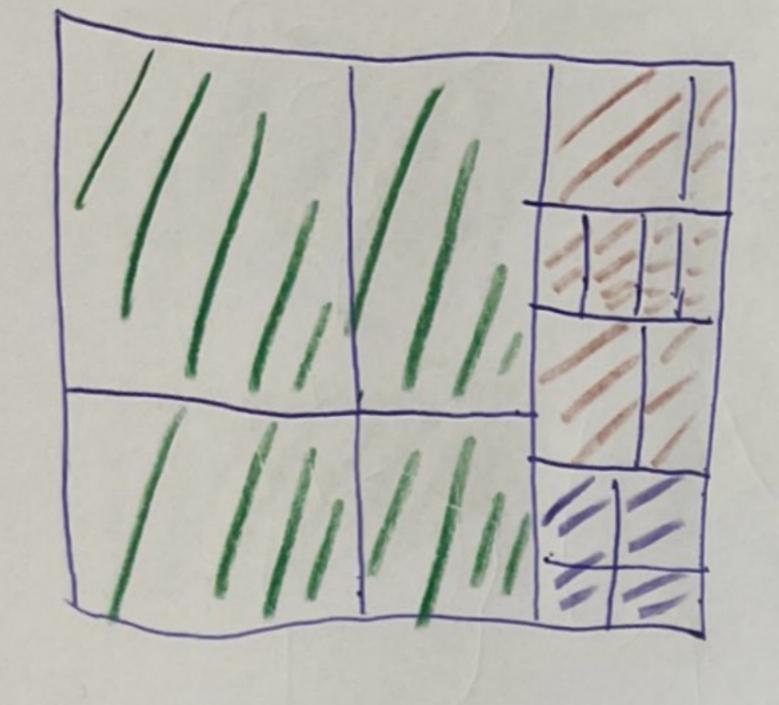
selection filter,

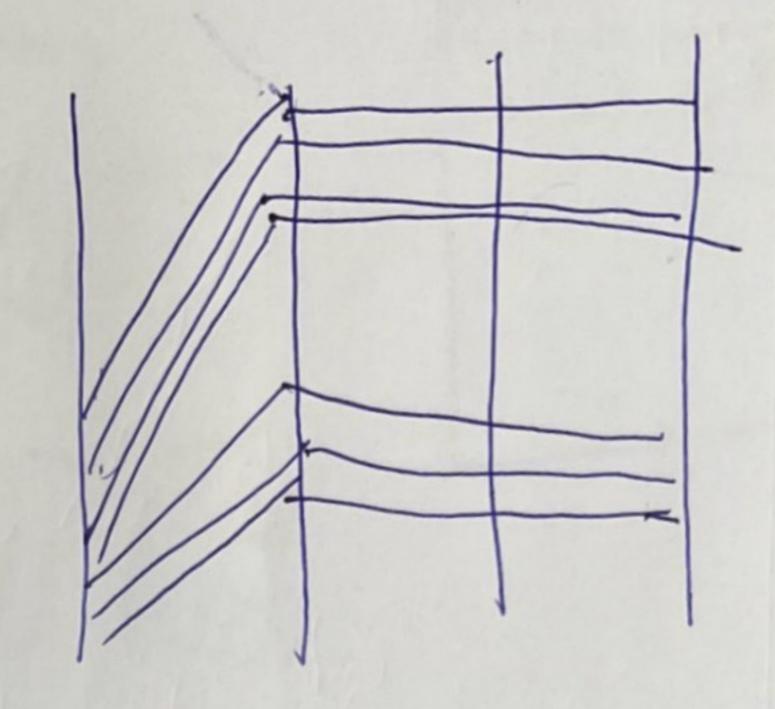
allowing users to fours

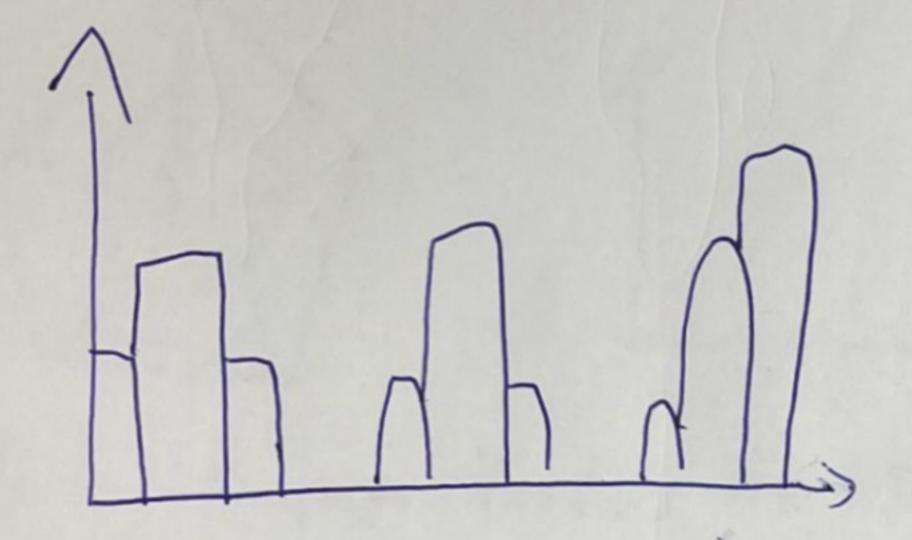
on individual sectors.

Fiscussion! · Pros · This layout paride ampt comprehensive insights into Coz consisten from multiple perspectates. The viariety of charts caters to diverse user no eds, from high-lovel overviens to more detail a analysis. . Cons. The multiple visualisations may teel aver whelming for users entamiliai with interpreting such datas and navigating through

Aront







· Tree & Map: Visualize the contribution of various sectors
to global cos emissions, with each block size proportional
to its share of total emissions.

Narallel (cordinates Plot: Show how different sectors)
emissions have fluctuated, Each line represents
a sector, shaving variations across years.

. Times-series Bar (hart: Pepilts total Coz emissions by continent, broken down per year

tocus this terign tocuses on showing sectoral breakdowns and how emissions by sector and continent have evolved over time. The tree map highlights the dominant sectors, while the parallel courdinates of over the years.

Permond Chang Qi Xing

on that sectors allow users to hove over specific lines (sectors) to highlight changes

Miscussion:

Nos: The tree map

offers a quick

overview of major

emission sources, while

the parellel coordinates

provide in-depth

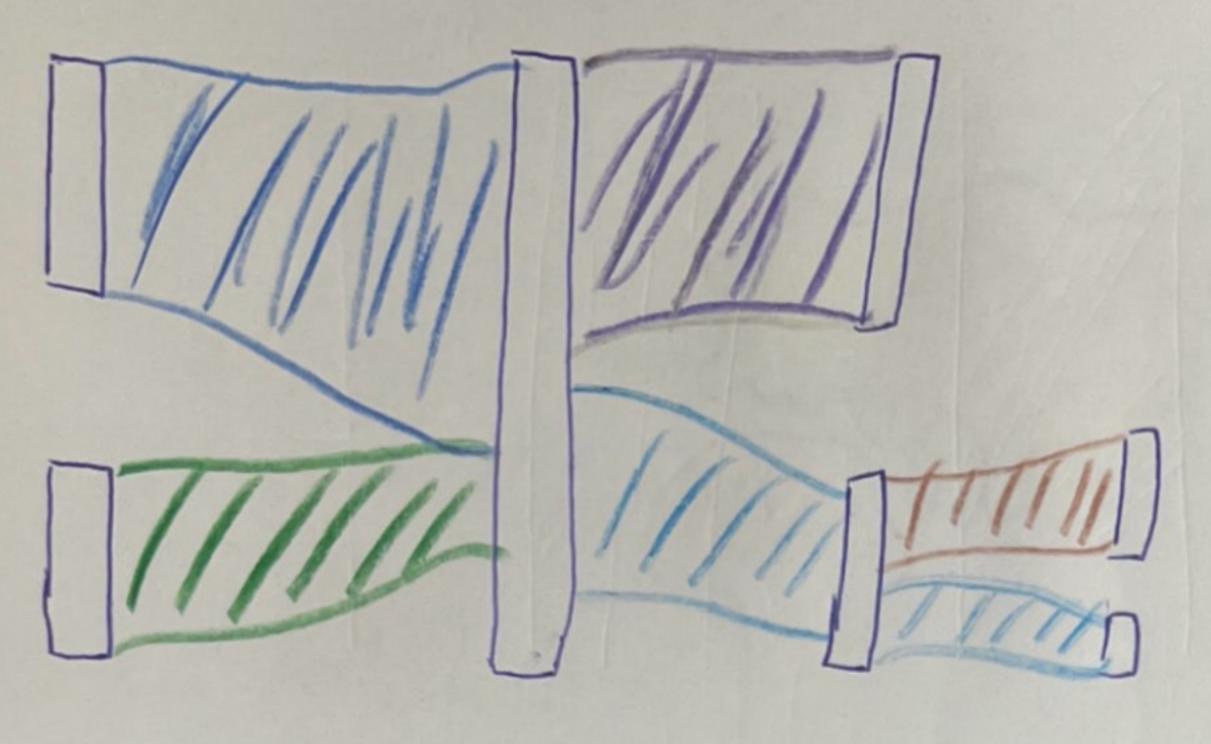
insights into sectoral

trends.

over tomo.

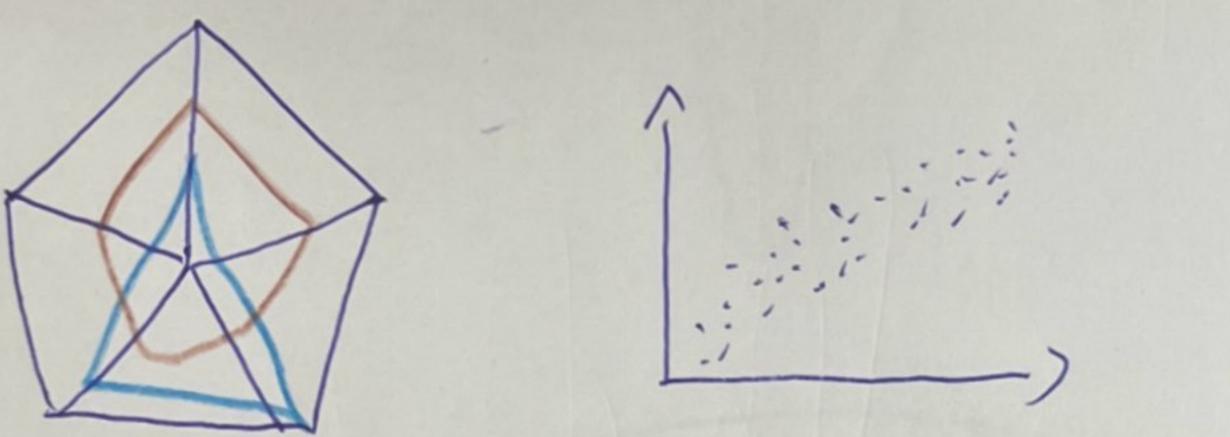
Consi Tree map can become clattered with too many sectors, are parallel coordinate plots may be difficult to interpret for more non-experts.

(AYouT



Sheet 4 Grantions:
bestrond (hong The sankey dingmn)

02/10/2024 11 (16 of the hone) allow axis to hover over flows to highlig contributions from oad sector and see how emissions are distribute . The scatter plot is interactive allow 2000 ing into specific francs or emission thres holds. · The radar chart provider Atcractive



Jankey Piagram : Visualises the flow of Cos emissions from unitions sources (sects) to their environmental impacts thing filtering tor continents, the contribution of each scater to total emissions. so users can tocas

Radar Chart: Comparer continents in terms of their sector-specific emissions, Each continent's emissions are broken down by sortryvistadised as radial axes.

Interactive Scatter Plot: Plot Co, engines against global mean temperature, allowing years to explore how endstors impact temperature over time.

Fours: The sankey ding in emphasizes the flow of emissions from different sectors to their cumulative global impact. The radar chart allows users to compare sectors across continents, and the scatter plet correlates emissions with temperature.

Piscusini Pros · Sunkey diagrams are excellent for viralisity flows and relationships, while rad charts make nultidinensimal comparisons clert.

on one region at

a time.

Consilantely diagrams (an hecche on/baded are visualarized, Pisplay global CO2 enission per capita, with oder intensities representing emission lovek Present the global CO2 emissions trond over time from 1750 to 2022. Asia tural industry

transport

electricity Compares (Oz emissions by continent Thors (0) emissions by sector (O, Emission Correlation between (Oz emissions and global near temperature changes.

Sheets Permond Chory 02/10/2024

The visualisation tells comprehensive stry of global \$ cos emissions across space time and sector all uning 45x to explore not just who em issions are come from , but how the evolved over time. what soctors are contributing the A The scatter plat offers a compelling view of how rising emmissions are directly linked to temperatu

Petail:
Petail:
Poperathus:
HIML, CS, Tavascri
Vegalite.
Peperdencies:
Requires emissions
data by country,
sector, and temperate
data tt.
Tine to baild:
3 weeks
"Software Requirem
VS code.