

xCO2Footprint

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xCO2Footprint: visualize, compare, reduce

Development of an interactive dashboard using Streamlit.

- General descriptive statistics.
- Most impactful employees' behaviours (especially commuting).
- xCO2FP distribution.
- Valuable insights and suggestions.
- Interactive widget to display the impact of behavioural changes.

Challenges

- Main challenge: lack of data.
- Data has been generated using parametric modelling.
- Parameters are obtained from Konverto's Sustainability Report.
- A highly explainable statistical model is used for predictions.

Short-term goals

- Visualize data
- Extract valuable insights
- Increase awareness

Long-term goals

- Reduce carbon footprint
- Regulatory alignment
- Cultural change

Now let's see!