**Visualizing Sustainability**

**A cognos based analysis of Global Trends (2000-2023)**

**Problem Statement**

The Sustainable Development Goals (SDGs) are a set of 17 global goals adopted by the United Nations General Assembly in September 2015. These goals are part of the 2030 Agenda for Sustainable Development, a universal call to action to end poverty, protect the planet, and ensure prosperity for all by 2030. The recently published Sustainable Development goal report 2023 comprehensively explains the progress of countries in implementing the SDG. However, 2030 deadline pose pressure on the need of descriptive and prescriptive analysis for further improvement and achievement of the goals by 2030.

**Business Requirement**

In order to achieve descriptive analysis on SDG Report 2023 the following business requirement has been framed:

1. Develop a user-friendly dashboard that leverages the Sustainable Development Report 2023 dataset to provide a comprehensive and insightful analysis of countries' progress towards achieving Sustainable Development Goals (SDGs).
2. Display a ranking of countries based on their overall sustainability scores.
3. Allow users to filter the rankings by region, income group, or specific SDGs.
4. Provide detailed profiles for each country, including its sustainability score, regional classification, and performance on individual SDGs.
5. Users should be able to access historical data to track a country's progress over time.
6. Enable users to compare the sustainability scores and SDG achievements of countries within a specific region.
7. This feature should allow for visual comparisons and trend analysis.
8. Offer in-depth analysis for each SDG, showing how countries are performing in areas such as poverty reduction, healthcare access, gender equality, climate action, etc.

**Literature Survey**

The Sustainable Development Report 2023 dataset comprises comprehensive data related to sustainability and progress towards Sustainable Development Goals (SDGs) for numerous countries. The dataset includes information on each country's performance on certain SDGs, regional classification, and sustainability scores. This dataset enables a detailed assessment of nations' progress towards sustainable development and offers insightful information about global sustainability initiatives.

**Social and Business Impact**

**Social Impact**

A compelling call to action is given by the Sustainable Development Goals Report 2023: Special Edition, which offers an honest evaluation of the SDGs based on the most recent facts and projections. The report highlights the enormous potential for success with strong political will and the utilisation of available technology, resources, and knowledge, while also emphasising the gaps that still remain and asking the world to redouble its efforts. By working together, the world community can rekindle progress towards the SDGs and build a more promising future for all.

**Business Impact**

The insights drawn through descriptive statistics could drive the business necessary action to improve and develop business to achieve the SDG by 2030. Businesses can use this extensive collection of sustainability data to help guide investment decisions, supply chain optimisation, and market expansion decisions.