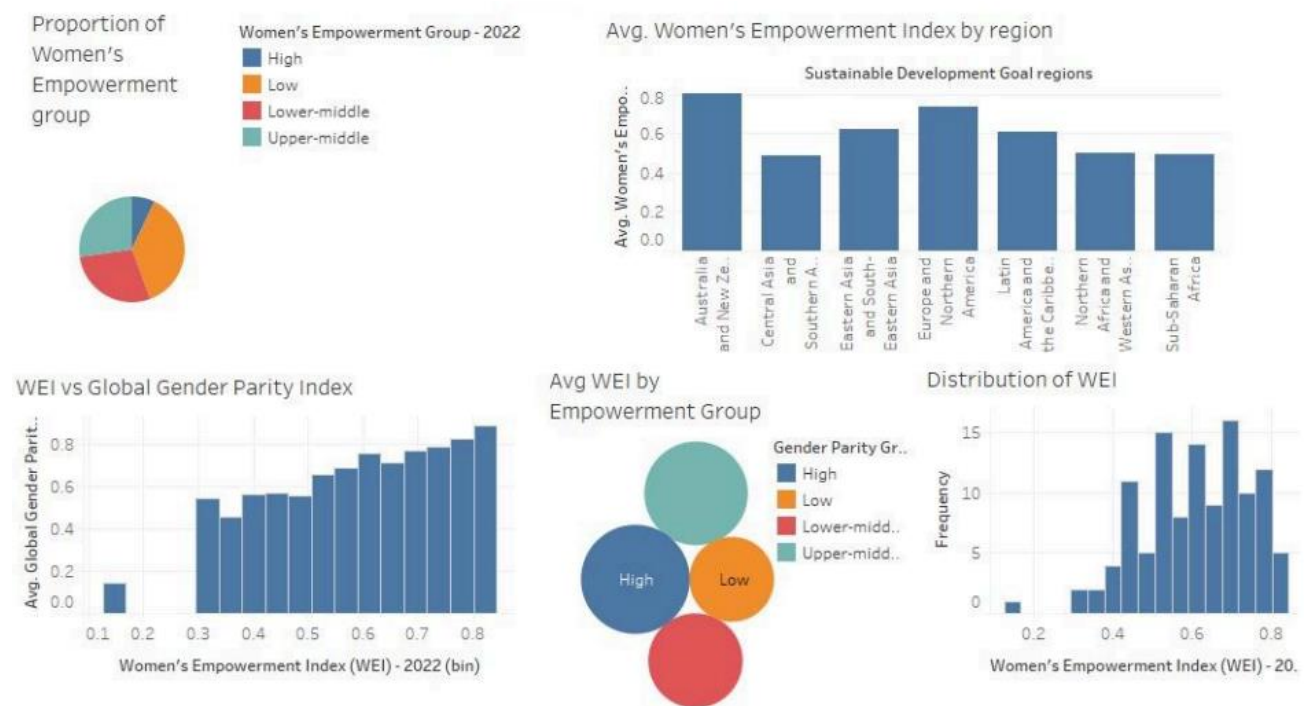


Name: Chirag Mehta
 UID: 2021600044
 Branch: CSE(AIML)
 Subject: Advanced Data Visualizations



Women Empowerment Dashboard.

Observations:

- Women's Empowerment Group Proportion:** A majority of nations belong to the "Lower-middle" empowerment category, followed by the "Upper-middle" and "High" groups. The "Low" category has the smallest representation.
- Regional Averages of Women's Empowerment Index (WEI):** Areas such as "Australia and New Zealand" and "Europe and Northern America" display the highest WEI scores, reflecting stronger progress in gender empowerment.
- Relationship Between WEI and Global Gender Parity Index (GGPI):** A positive correlation exists between WEI and GGPI, showing that countries with higher WEI levels also tend to perform better on gender parity measures.
- WEI Averages by Empowerment Groups:**
 - The "High" empowerment category exhibits the greatest average WEI, while the "Low" category has the smallest, which aligns with expectations.
 - The "Lower-middle" and "Upper-middle" categories fall in the middle range of WEI averages, with the "Upper-middle" group slightly outperforming the "Lower-middle" group.
- WEI Distribution Pattern:** The WEI distribution leans towards higher values, indicating that most countries achieve a score exceeding 0.4.