CSC343 Project Phase 1

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**The Data:**

We procured data on life expectancy and suicide rates, separated by demographic groups, from WHO. Data on GDP per capita, income inequality, and other economic indicators, separated by country, is from Kaggle.

**The Schema:**

**Tables:**

Continent(conID[smallserial], name[varchar(255)])

Country(cID[smallserial], name[varchar(255)], conID[smallserial], landArea[real])

Economy(cID[smallserial], year[smallserial], GDP[serial], GDPcapita[serial], Gini[real], population[serial], demoIndex[real])

Age(aID[smallserial], ageGroup[varchar(255)])

Suicide(cID[smallserial], year[smallserial], aID[smallserial], suicides[integer], population[serial], sRate[real]

**Referential Integrity Constraints:**

Country[conID] ⊆ Continent[conID]

Economy[cID] ⊆ Country[cID]

Suicide[cID] ⊆ Country[cID]

Suicide[aID] ⊆ Age[aID]

Suicide[year] ⊆ Economy[year]

**Investigative Questions:**

1. Do suicide rates vary across demographic groups (e.g. sex, age group) within countries?
2. Do suicide rates differ relative to economic indicators, such as GDP per capita and income inequality across countries?
3. Is there any link between suicide rates and differences in political regimes between countries?