**SQL Questions: World happiness report**

**World Happiness Report SQL Project – 24 Questions**

**Section 1: Basics & Filtering**

1. **List all countries and their happiness scores in 2019.**
2. **Find the happiest country in 2017.**
3. **Show all countries with a happiness score greater than 7.5 in 2015.**
4. **List countries from 2016 where the 'Economy (GDP per Capita)' is above 1.5.**
5. **Get all countries where 'Trust (Government Corruption)' is less than 0.1 in 2018.**
6. **Show countries where 'Generosity' is greater than 0.4 in any year.**
7. **List the top 10 happiest countries in 2019.**
8. **List the bottom 10 happiest countries in 2016.**

**Section 2: Aggregation & Sorting**

1. **Find the average happiness score globally in each year.**
2. **Which region had the highest average happiness score in 2015?**
3. **Find the top 5 countries with highest 'Freedom to make life choices' in 2018.**
4. **List countries that had a 'Healthy life expectancy' above the global average in 2019.**
5. **Which top 7 countries had a Happiness Score above 6 and also had a high Economy (GDP per Capita) in the year 2019.**
6. **Show the total number of countries surveyed in each year.**

**Section 3: Ranking & Window Functions**

1. **Find the bottom 5 happiest countries for each year.**
2. **Find countries ranked in the top 10 for each year.**
3. **Display the rank of India across all five years.**
4. **Rank all countries based on 'Generosity' in 2017.**
5. **Create a view that shows each country's happiness score in 2019 along with its rank.**

**Section 4: Joins & Multi-Year Analysis**

1. **Compare happiness scores of Nordic countries (Finland, Denmark, Norway, Iceland, Sweden) over the years.**
2. **Identify countries where the happiness score has increased every year from 2015 to 2019.**