

METRICS FOR DATA EXTRACTION IN THE MICROSOFT SQL SERVER FOR WORLD HAPPINESS DATASET

-- COUNTRIES RANKING BETWEEN 130 AND 150 IN ECONOMY(GDP) I.E RANKING THE TOP 20 ALL YEAR

```
SELECT Country,
        Happiness_Rank,
        Economy_GDP,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 130 AND 150
```

-- COUNTRIES RANKING BETWEEN 1 AND 20 IN ECONOMY(GDP) I.E RANKING THE LEAST 20 ALL YEAR

```
SELECT Country,
        Happiness_Rank,
        Economy_GDP,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 1 AND 20
```

-- COUNTRIES RANKING BETWEEN 130 AND 150 IN Family_SocialSupport I.E RANKING THE TOP 20 ALL YEAR

```
SELECT Country,
        Happiness_Rank,
        Family_SocialSupport,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 130 AND 150
```

-- COUNTRIES RANKING BETWEEN 1 AND 20 IN Family_SocialSupport I.E RANKING THE LEAST 20 ALL YEAR

```
SELECT Country,
        Happiness_Rank,
        Family_SocialSupport,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 1 AND 20
```

-- COUNTRIES RANKING BETWEEN 130 AND 150 IN Health_LifeExpectancy I.E RANKING THE TOP 20 ALL YEAR

```
SELECT Country,
        Happiness_Rank,
        Health_LifeExpectancy,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 130 AND 150
```

```

-- COUNTRIES RANKING BETWEEN 1 AND 20 IN Health_LifeExpectancy I.E RANKING THE LEAST 20 ALL YEAR
SELECT Country,
        Happiness_Rank,
        Health_LifeExpectancy,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 1 AND 20

```

```

-- COUNTRIES RANKING BETWEEN 130 AND 150 IN Freedom I.E RANKING THE TOP 20 ALL YEAR
SELECT Country,
        Happiness_Rank,
        Freedom,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 130 AND 150

```

```

-- COUNTRIES RANKING BETWEEN 1 AND 20 IN Freedom I.E RANKING THE LEAST 20 ALL YEAR
SELECT Country,
        Happiness_Rank,
        Freedom,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 1 AND 20

```

```

-- COUNTRIES RANKING BETWEEN 130 AND 150 IN Trust_GovtCorruption I.E RANKING THE TOP 20 ALL YEAR
SELECT Country,
        Happiness_Rank,
        Trust_Govt_Corruption,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 130 AND 150

```

```

-- COUNTRIES RANKING BETWEEN 1 AND 20 IN Trust_Govt Corruption I.E RANKING THE LEAST 20 ALL YEAR
SELECT Country,
        Happiness_Rank,
        Trust_Govt_Corruption,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 1 AND 20

```

```

-- COUNTRIES RANKING BETWEEN 130 AND 150 IN Generosity I.E RANKING THE TOP 20 ALL YEAR
SELECT Country,
        Happiness_Rank,
        Generosity,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 130 AND 150

```

```

-- COUNTRIES RANKING BETWEEN 1 AND 20 IN Generosity I.E RANKING THE LEAST 20 ALL YEAR
SELECT Country,
        Happiness_Rank,
        Generosity,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 1 AND 20

```

```

-- COUNTRIES RANKING BETWEEN 130 AND 150 I.E RANKING THE TOP 20 ALL YEAR
SELECT Country,
        Happiness_Rank,
        Generosity,
        Economy_GDP,
        Family_SocialSupport,
        Health_LifeExpectancy,
        Freedom,
        Trust_Govt_Corruption,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 130 AND 150

```

```

-- COUNTRIES RANKING BETWEEN 1 AND 20 I.E RANKING THE LEAST 20 ALL YEAR
SELECT Country,
        Happiness_Rank,
        Generosity,
        Economy_GDP,
        Family_SocialSupport,
        Health_LifeExpectancy,
        Freedom,
        Trust_Govt_Corruption,
        Year
FROM WorldHappiness
WHERE Happiness_Rank BETWEEN 1 AND 20

```

```

-- COUNTRIES WITH HAPPINESS SCORE 7 ABOVE ALL YEAR
select *
from WorldHappiness
where Happiness_Score BETWEEN 7.0 AND 7.9

```

```
-- COUNTRIES WITH HAPPINESS SCORE LESS THN 1 ALL YEAR
```

```
select *  
from WorldHappiness  
where Happiness_Score BETWEEN 2.0 AND 3.0
```

```
SELECT TOP(20)  
    Happiness_Score,  
    Country  
FROM WorldHappiness;
```

```
-- COUNTRIES in WESTERN EUROPE REGION, YEAR WITH HAPPINESS SCORE less THAN 20
```

```
SELECT Country,  
    Year,  
    Region,  
    Happiness_Rank  
FROM WorldHappiness  
WHERE Happiness_Rank <= 20 AND Region = 'Western Europe';
```

```
-- COUNTRIES in WESTERN EUROPE REGION, YEAR WITH HAPPINESS SCORE greater THAN 70 to 102
```

```
SELECT Country,  
    Year,  
    Happiness_Rank,  
    Region  
FROM WorldHappiness  
WHERE Happiness_Rank >= 70 AND Region = 'Western Europe';
```

```
-- COUNTRIES in Middle East and North Africa REGION, YEAR WITH HAPPINESS SCORE less THAN 50
```

```
SELECT Country,  
    Year,  
    Happiness_Rank,  
    Region  
FROM WorldHappiness  
WHERE Happiness_Rank <= 50 AND Region = 'Middle East and North Africa';
```

```
-- COUNTRIES in Middle East and North Africa REGION, YEAR WITH HAPPINESS SCORE greater THAN 70 to 102
```

```
SELECT Country,  
    Year,  
    Happiness_Rank,
```

```

        Region
FROM WorldHappiness
WHERE Happiness_Rank >= 20 AND Region = 'Middle East and North Africa';

```

```

-- COUNTRIES in North America and ANZ REGION, YEAR WITH HAPPINESS SCORE less THAN 20 and there no
other country that fall above 100

```

```

SELECT Country,
        Year,
        Happiness_Rank,
        Region
FROM WorldHappiness
WHERE Happiness_Rank <= 20 AND Region = 'North America and ANZ';

```

```

-- COUNTRIES in sub-SAHARAN AFRICA REGION, YEAR WITH HAPPINESS SCORE between 50 to 100

```

```

SELECT Country,
        Year,
        Happiness_Rank,
        Region
FROM WorldHappiness
WHERE Happiness_Rank <= 100 AND Region = 'Sub-Saharan Africa';

```

```

-- COUNTRIES in Middle East and Northern Africa REGION, YEAR WITH HAPPINESS SCORE < 50

```

```

SELECT Country,
        Year,
        Happiness_Rank,
        Region
FROM WorldHappiness
WHERE Happiness_Rank <= 50 AND Region = 'Middle East and Northern Africa';

```

```

-- COUNTRIES in Middle East and Northern Africa REGION, YEAR WITH HAPPINESS SCORE > 130

```

```

SELECT Country,
        Year,
        Happiness_Rank,
        Region
FROM WorldHappiness
WHERE Happiness_Rank >= 130 AND Region = 'Middle East and Northern Africa';

```

```

-- COUNTRIES in Asia REGIONS, YEAR WITH HAPPINESS SCORE > 130

```

```

SELECT Country,
        Year,
        Happiness_Rank,

```

```
      Region
FROM WorldHappiness
WHERE Region = 'Southern Asia' or Region = 'Southeast Asia' or Region = 'East Asia' or Region =
'Eastern Asia' or Region = 'South Asia';
```