**UC 1**: Employee Data Analysis

1. Find the highest paying job (regardless of experience,consider avg\_salry column)
2. Calculate Avg Salary By Job titles. (round the result to 2 decimal places)
3. Which Companies pay highest for the least amount of experience ( group by Job Title order by salary).

[Link to Dataset](https://www.kaggle.com/datasets/madhurpant/data-science-jobs-in-india)

**UC2:** World Happiness Data.

1. Which Country has the highest and lowest **Healthy life expectancy at birth** over the year?
2. Find a highly **corrupted** Country By Year (order from high to low)
3. Which Country had a most positive and Negative effect in the Great Depression (2008)?
4. Find the country whose GDP remained almost constant .
5. Calculate Percentage change of Life Ladder w.r.t to previous year and find the year in which there was positive % change in Life Ladder by Country.

[Link to Dataset](https://www.kaggle.com/datasets/ajaypalsinghlo/world-happiness-report-2021?select=world-happiness-report.csv)

**UC3:**

Create a Employee Table containing below columns. (1000 records)

Employee Id, Employee Name,DOB, Job title , Job Start Date, Level ( bw 1 to 5)

Create a Salary table Employee Id, Salary(bw 1L to 20L),

1. Calculate years of experience and Age. (Use UDF )
2. Create a flag EligibleForBonus if the years of experience is greater than 2 and salary is below 10L.
3. For employees eligible for Bonus, increment salary by 5% by each level i.e 5% for level 1 ,10% for level2 and so on. Save the results
4. Create a band of age group and categorize salary by age group.