**Query A**

1. For each starting year (beginning at 1960) going up, generate a report of years of run until 2019 called Age (going up as 1, 2, 3 etc.) and number of TV Series that started on that year and ran for so many years and also the percentage for that start\_year. Example report should look like:

|  |  |  |  |
| --- | --- | --- | --- |
| Start\_year | Age(years) | Number\_of\_TVSeries | Percentage\_start\_year |
| 1960 | 1 | 7 | 85.72 |
| 1960 | 4 | 1 | 14.28 |
| 1965 | 2 | 5 | 71.42 |
| 2018 | 1 | 2 | 28.57 |

**Comment:** This report may be used to analyze trends in ages of TV\_series along start\_year.

### Query A

|  |
| --- |
| select startYear, (endYear - startYear) as age, count(\*) as number\_of\_tvseries |
| from title\_basics |
| group by startYear, endYear |
| order by startYear asc;  **Dear Somendra, questions here. Doesn’t it need to be grouped by age? Aren’t we looking only for ‘tvSeries’? Don’t we need to calculate percentage?** |

## Query B

1. Data inconsistency check: For each year (beginning at 1960) going up, generate a report of Number of movies that have alternative title but no original title. Example report should look like:

|  |  |
| --- | --- |
| Start\_year | Number\_of\_movies |
| 1960 | 1 |
| 1990 | 4 |
| 1995 | 2 |
| 2018 | 1 |

**Comment:** This report may be used to analyze trends in inconsistency of data along year.

|  |
| --- |
| select b.startYear, count(\*) as number\_of\_movies |
| from title\_akas a join title\_basics b on a.titleId = b.tconst |
| where a.isOriginalTitle = 0 and b.startYear >= 1960 and b.startYear <= 2019 and b.titleType = 'movie' |
| group by b.startYear |
| order by b.startYear; |

**Dear group, don’t we need to make sure that it has at least an alternative title & how? Do we need to check primaryTitle at all? You are getting there.**

**Query C**

1. Data inconsistency check: For each year (beginning at 1960) going up, generate a report of Number of multi-lingual movies that have a second language title (or localized title) but no original title. Example report should look like:

|  |
| --- |
| select b.startYear, count(\*) |
| from title\_akas a join title\_basics b on a.titleId = b.tconst |
| where a.title is not null and a.isOriginalTitle = 0 and b.startYear >= 1960 and b.endYear <= 2019 and b.titleType = 'movie' |
| group by b.startYear |
| order by b.startYear; |

**Dear group, how to check it is a miluti-lingual movie and also it has a second language title? The way you are checking (a.isOriginalTitle = 0) ? Does it ensure there is no originaltitle for this movie? For a movie there is no valid endyear. Do we need to check that?**