

Assignment - 10

Data Modelling

Objective – Power BI Desktop, Cloud Service and End to End Workflow

Use Case – Information about Films

Source – List of Films, ComfortBreaks

Analytics – To find average number of breaks for a film

Report/Dashboard – Film Insights

- It contains a table giving how many times the author would need to pop out for a comfort break during each film's screening:

| Breaks | LowerLimit | UpperLimit |
|--------|------------|------------|
| 0 | 0 | 90 |
| 1 | 90 | 150 |
| 2 | 150 | 210 |
| 3 | 210 | 300 |
| 4 | 300 | 999 |

From this table you should be able to make a reasonable guess at the author's age ...

- In the Films table create a calculated column called NumberBreaks which shows for each film the number of breaks needed.

When you've finished, you should be able to create the following matrix:

| OscarWins | Average of NumberBreaks |
|-----------|-------------------------|
| 11 | 2.33 |
| 10 | 2.00 |
| 7 | 1.70 |
| 8 | 1.67 |
| 5 | 1.50 |
| 6 | 1.50 |

- try creating a second calculated column to do the same thing, but this time using the method you didn't use the first time.

Result – Creating new calculated columns using DAX.