



# **Data Warehouse and Business Intelligence**

**IT3021**

**Assignment 02**

**IT22120984**

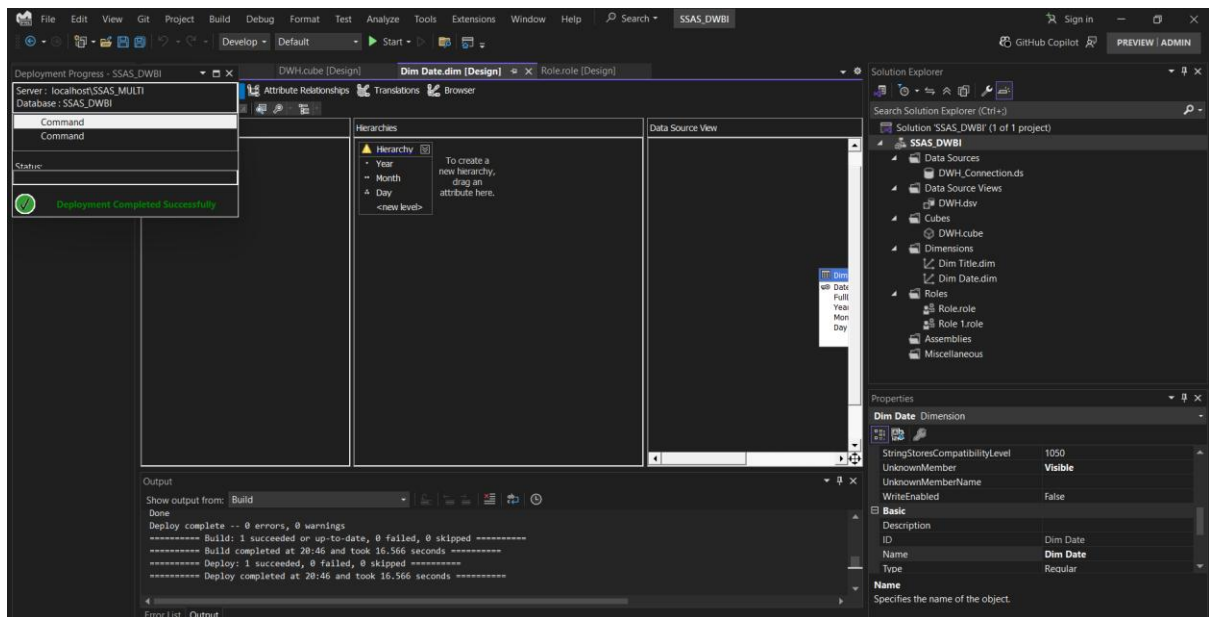
**Senanayaka I H D M**

**Y3S2.WE.DS.01.02**

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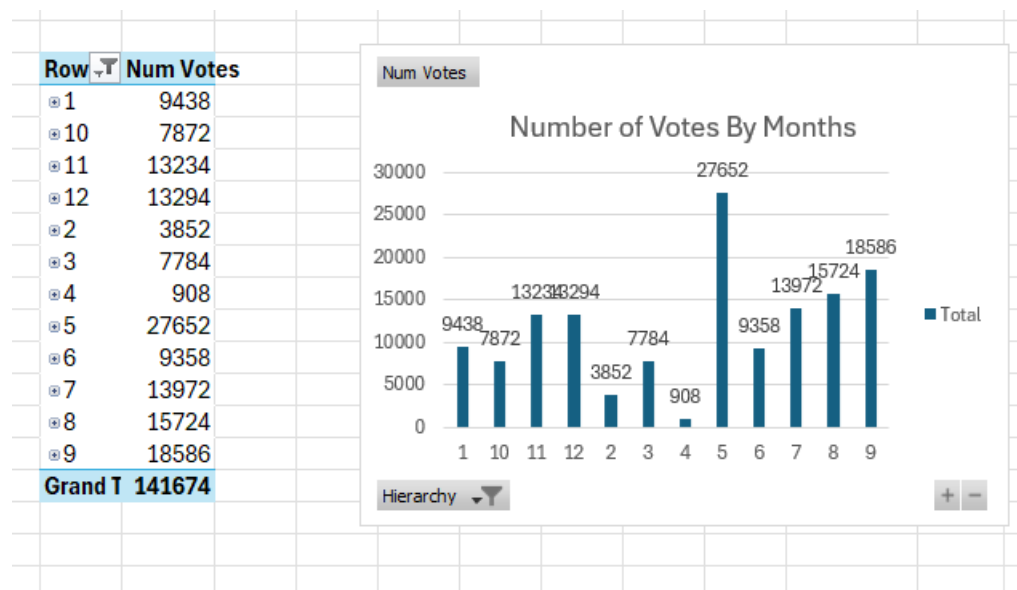


## 2. Excel Visualization

### 1. Roll – Up

Row Labels	Average Rating
2010	2752.8
2011	2680.4
2012	2423.2
2013	2698.4
2014	2818
2015	2932
2016	3110.8
2017	2726
2018	2673.2
2019	2068.8
2020	2465.6
2021	2580
2022	3043.6
2023	3068.8
2024	3225.2
2025	2173.2
<b>Grand Total</b>	<b>43440</b>

### 2. Drill Down



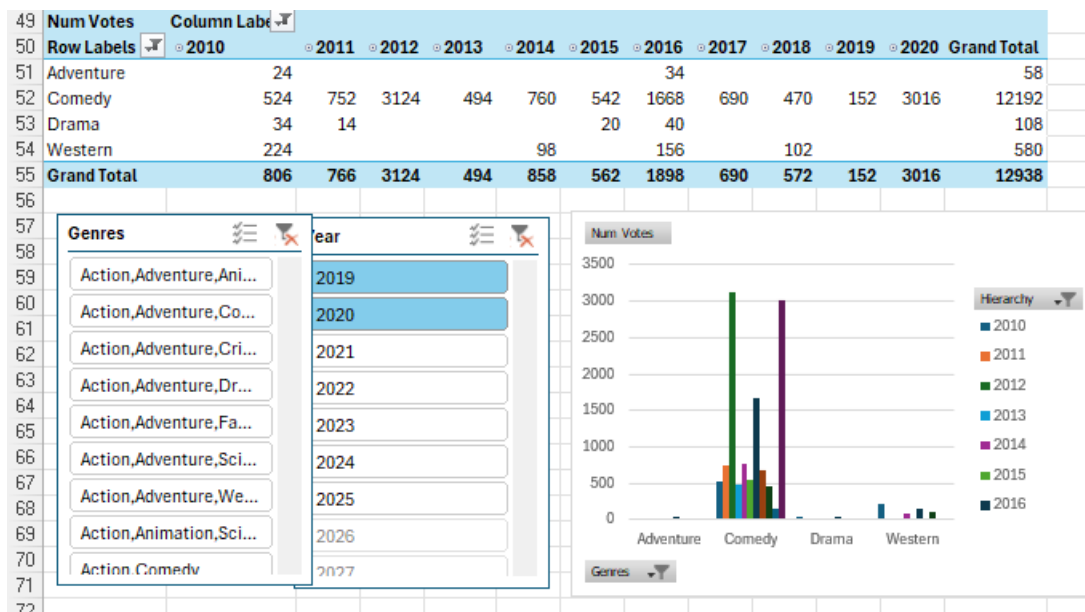
### 3. Slice

Title Type (Multiple Items)	
Row Labels	Average Rating
2012	17.4
2020	12.4
2024	15
Grand Total	44.8

**Title Type**

- short
- tvMovie
- tvSeries
- tvEpisode
- tvSpecial
- video
- Unknown

### 4. Dice

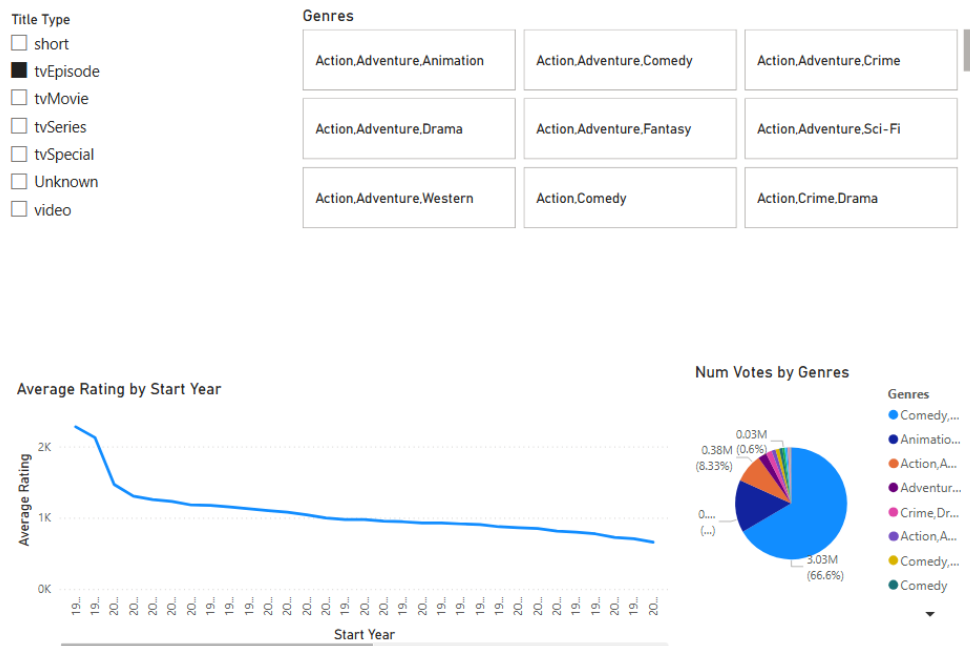


### 3. Power BI Reports

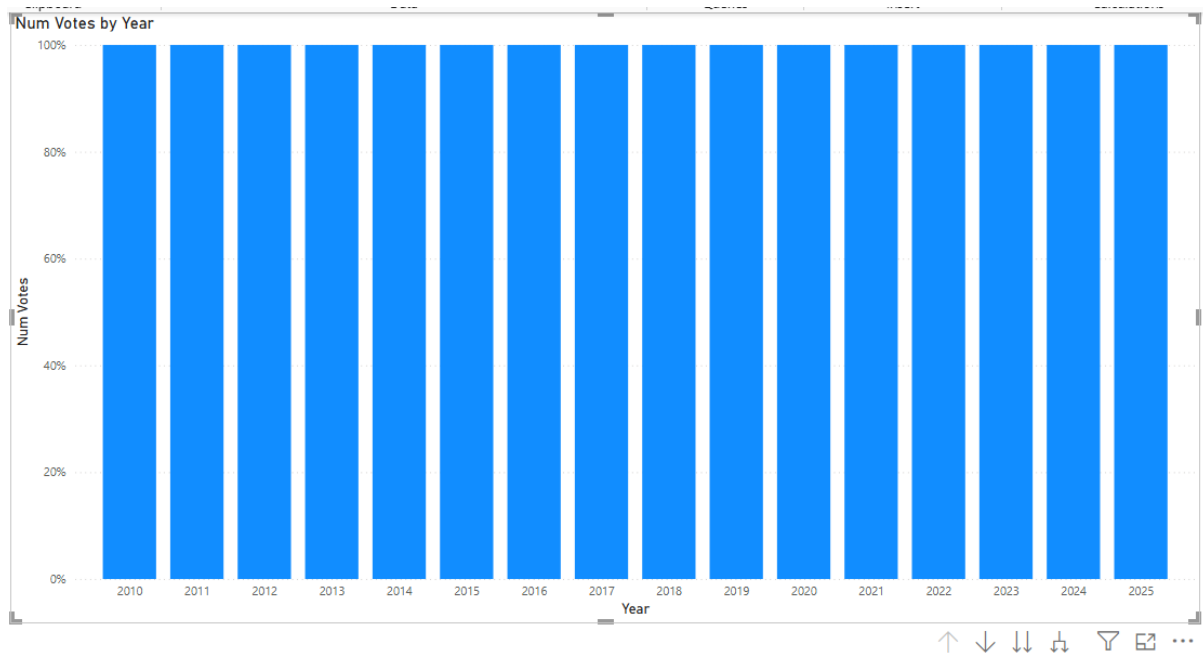
#### 1. Matrix Visual with Groupings

Start Year	short	tvEpisode	tvMovie	tvSeries	video	Total
1963		796				796
1964		4584				4584
1965		10924				10924
1966		8896				8896
1967		9868				9868
1968		7528		36248		43776
1969		5508				5508
1970		512				512
1971		180				180
1972		308				308
1973		2492				2492
1974		2488				2488
1975		2856				2856
1976		2800				2800
1977		5740				5740
1978		6864				6864
1979		4632				4632
1980		2744				2744
1981		2852				2852
1982		3232				3232
1983		1424				1424
1984		4492	108			4600
1985		4468				4468
1986		3104				3104
1987		39144				39144
1988		19428				19428
1989		71248				71248
1990		101900				101900
1991		50988				50988
1992		26196				26196
1993		59580				59580
1994		47356				47356
Total	156	4555084	108	36248	692	4592288

## 2. Cascading Slicers & Multi-Visual Insights



## 3. Drill-Down Report (Hierarchical Exploration)



#### 4. Drill-Through Report (Contextual Navigation)

