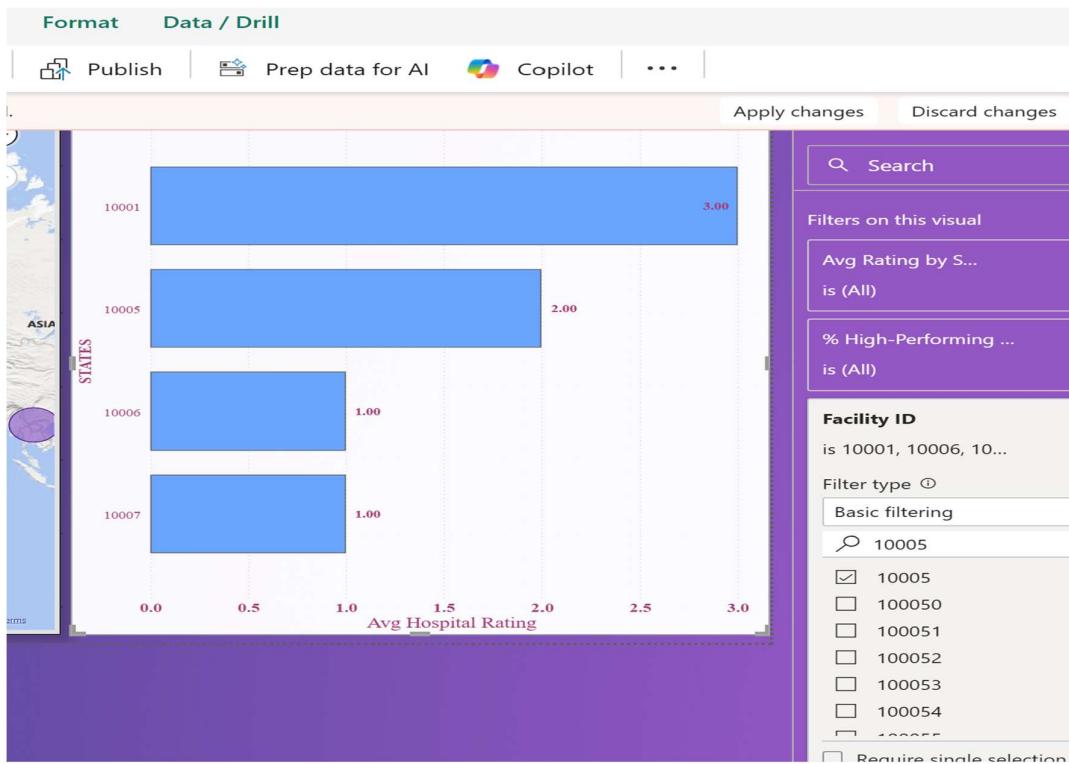


## 1.DAX vs. Power Query Validation

Dax: Average Rating :Facility ID(1001,10005,10006,10007)



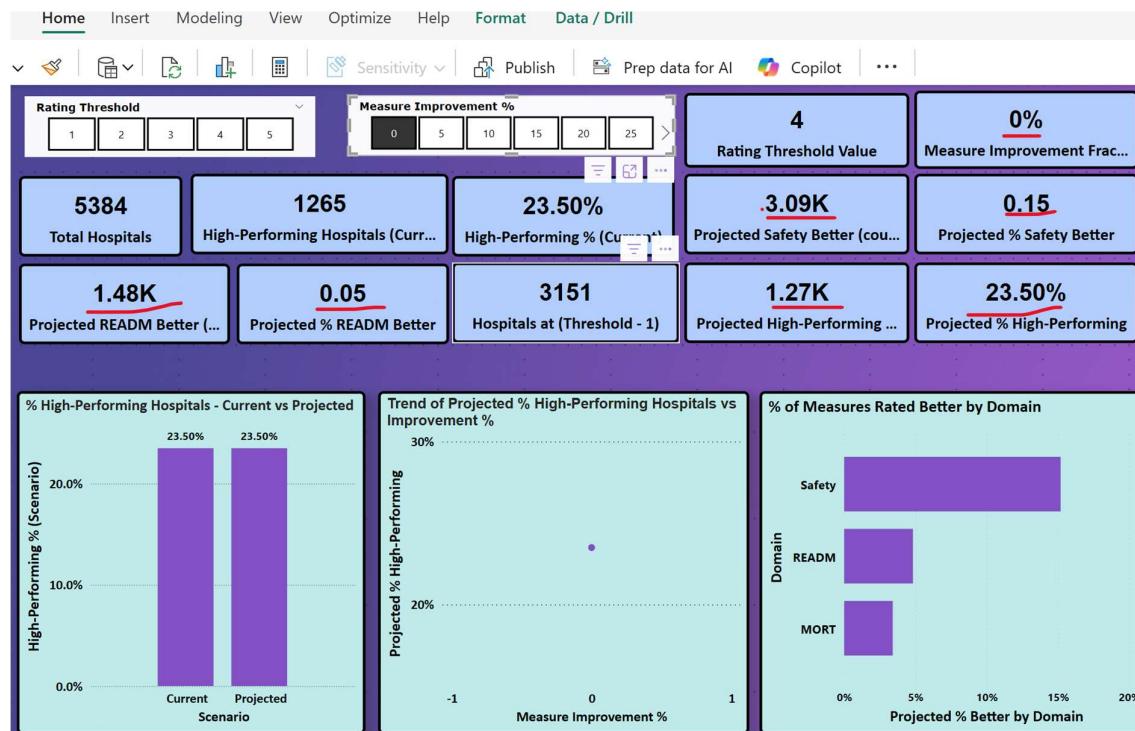
Power Query Validation: Average Rating :Facility ID(1001,10005,10006,10007)

Facility ID	Facility Name	Hospital overall rating
10001	SOUTHEAST HEALTH MEDICAL CENTER	3
10005	MARSHALL MEDICAL CENTERS	2
10006	NORTH ALABAMA MEDICAL CENTER	1
10007	MIZELL MEMORIAL HOSPITAL	1

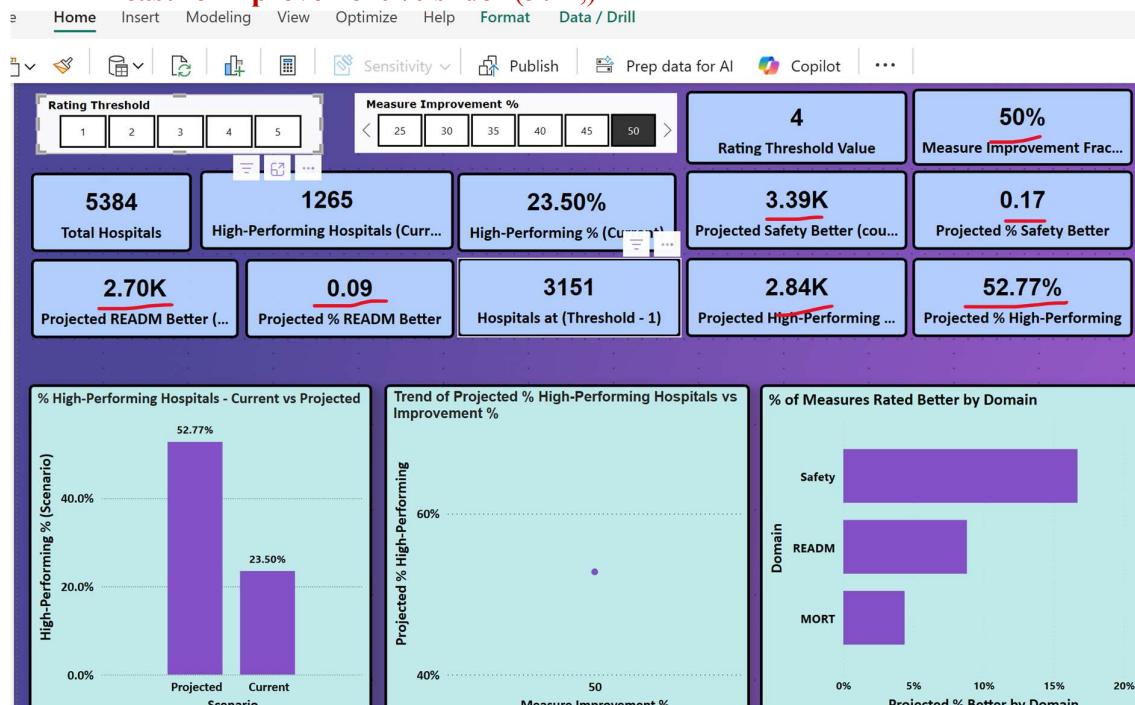
## 2. What-If Parameter Testing:

Tested Measure Improvement % slider (0%, 50%, 100%).

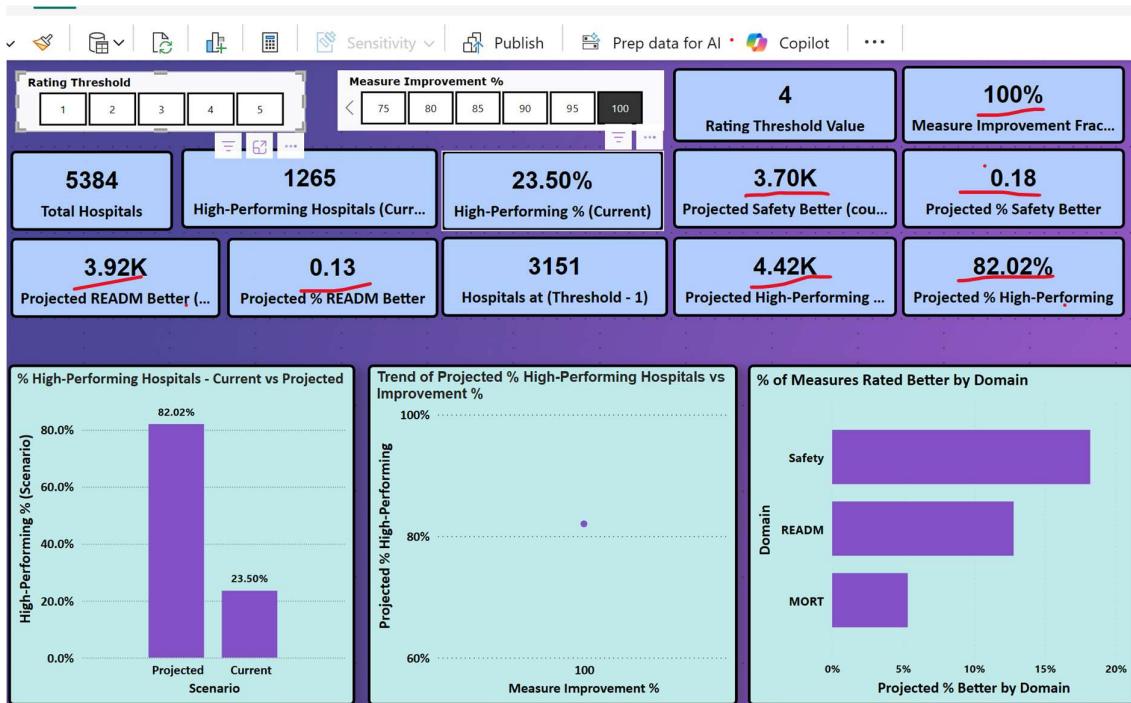
Tested Measure Improvement % slider (0%,)



Tested Measure Improvement % slider (50%),



## Tested Measure Improvement % slider (100%,)



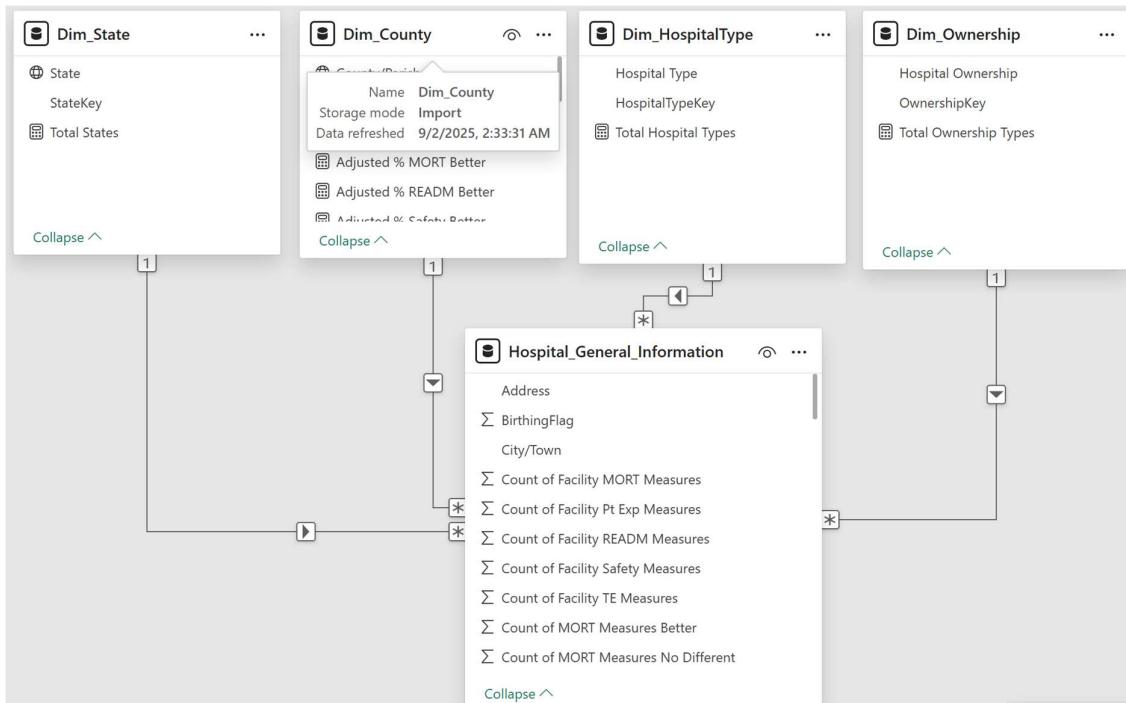
### 3. Data Model Optimization:

1. Removed unused columns:

1. Telephone No.

2. Grouped: 1. Address 2. City/Town Columns 3. County

3. Converted Yes/No text to numeric flags (0/1) for faster calculation.



#### 4. Refresh Performance:

1. Tested refresh with ~5,000+ rows.
2. Refresh completed within **~2 minutes**.
3. No timeouts or bottlenecks observed.

#### Overall Result

- DAX measures validated ✓
- Scenario What-If logic works ✓
- Data model optimized ✓
- Refresh speed acceptable ✓

