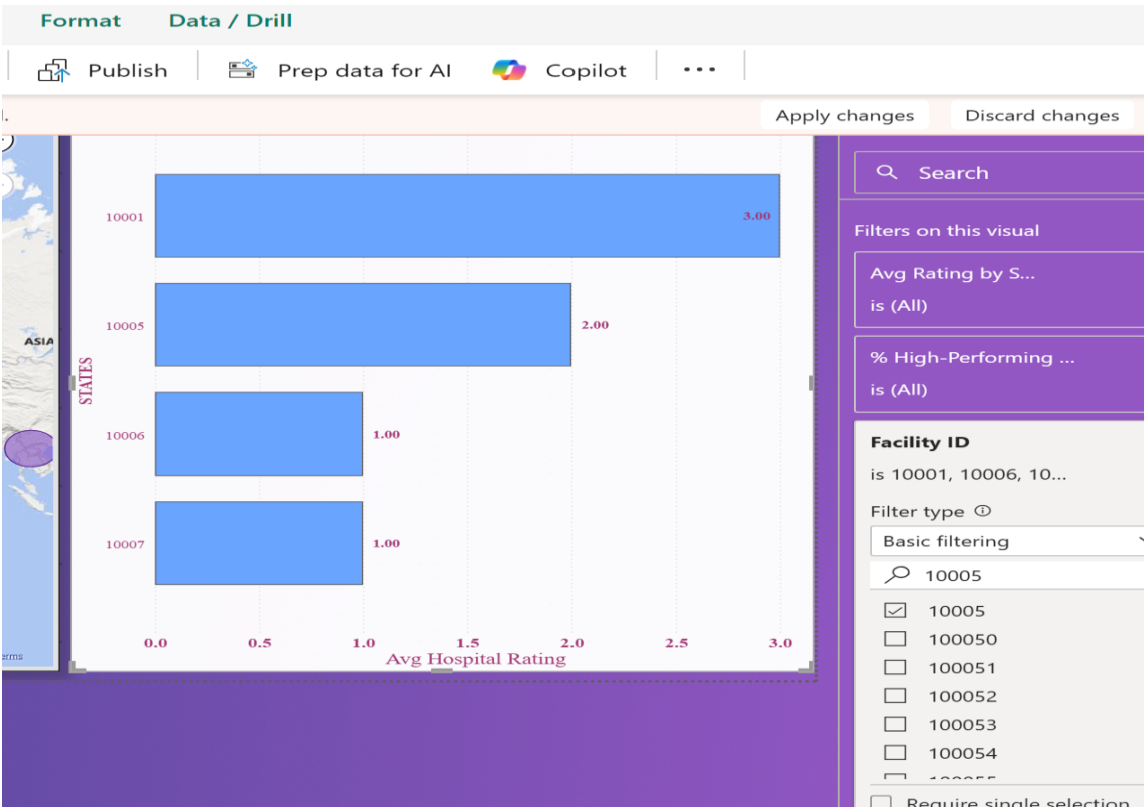# 1.DAX vs. Power Query Validation

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

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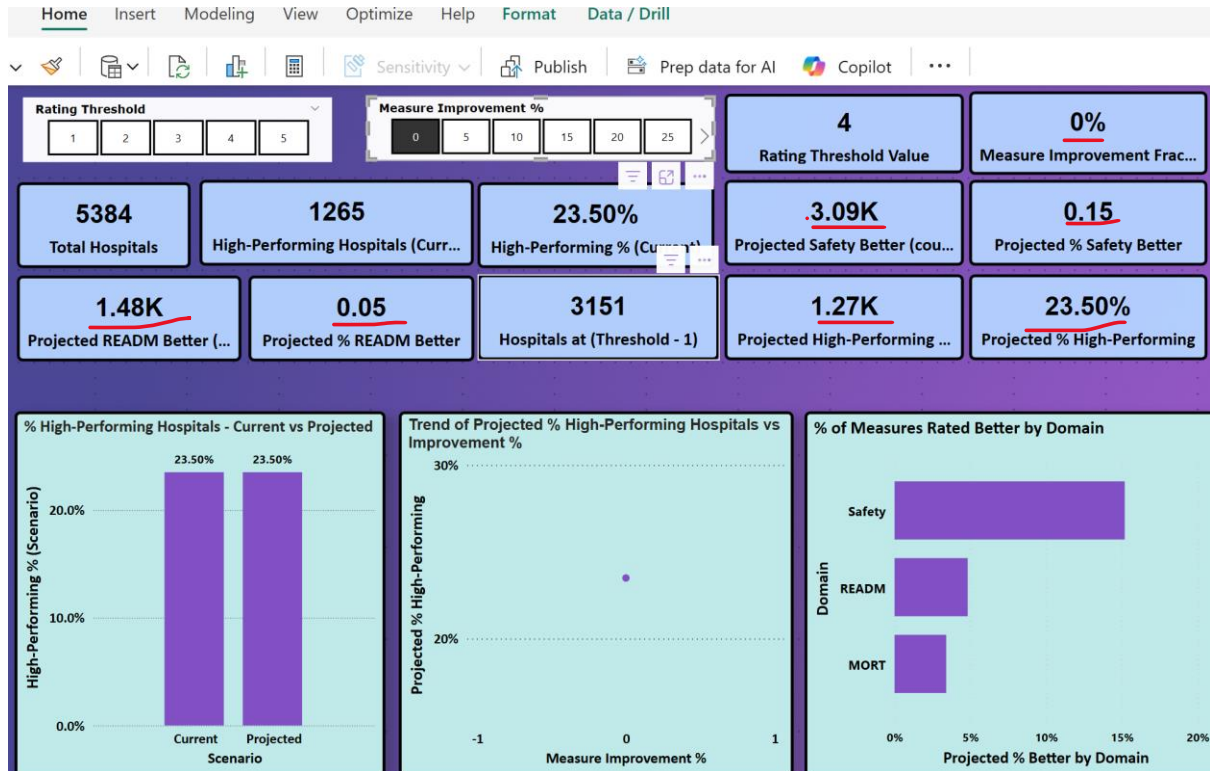

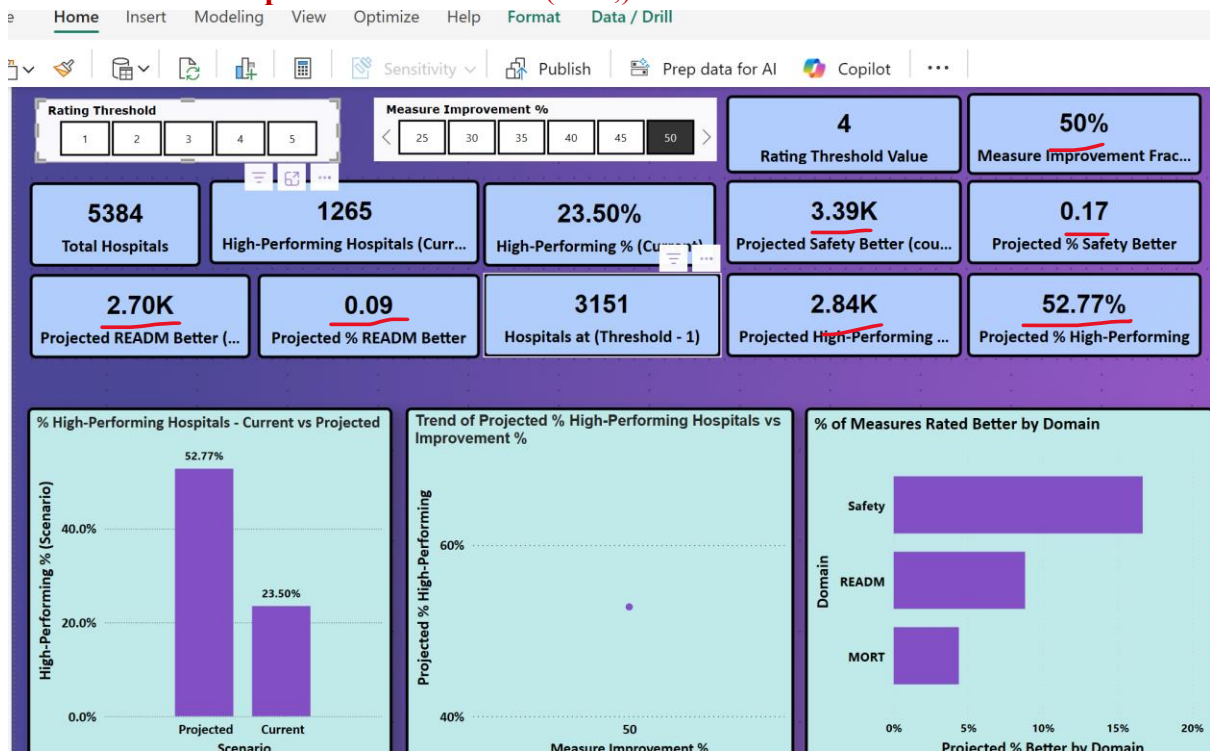|	ABC Facility ID	ABC Facility Name	123 Hospital overall rating
1	10001	SOUTHEAST HEALTH MEDICAL CENTER	3
2	10005	MARSHALL MEDICAL CENTERS	2
3	10006	NORTH ALABAMA MEDICAL CENTER	1
4	10007	MIZELL MEMORIAL HOSPITAL	1

2. What-If Parameter Testing:

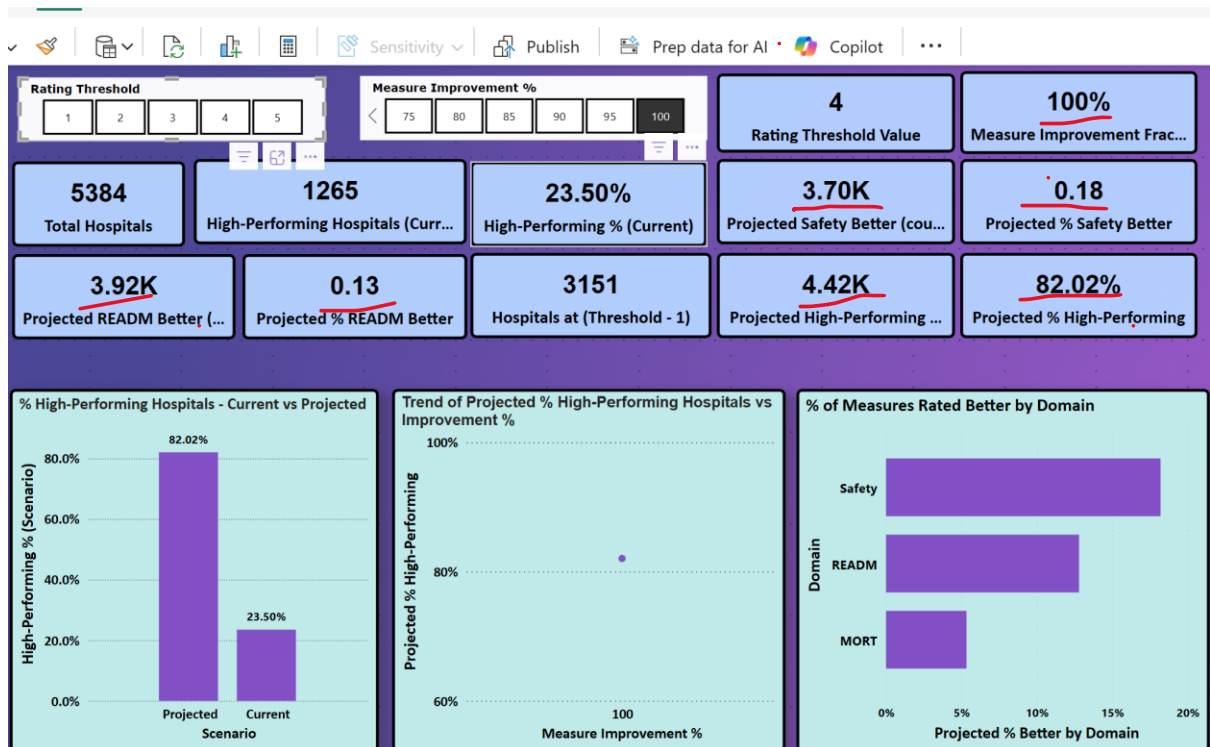Tested **Measure Improvement % slider** (0%, 50%, 100%).

Tested **Measure Improvement % slider** (0%,)

Tested **Measure Improvement % slider** (50%,)

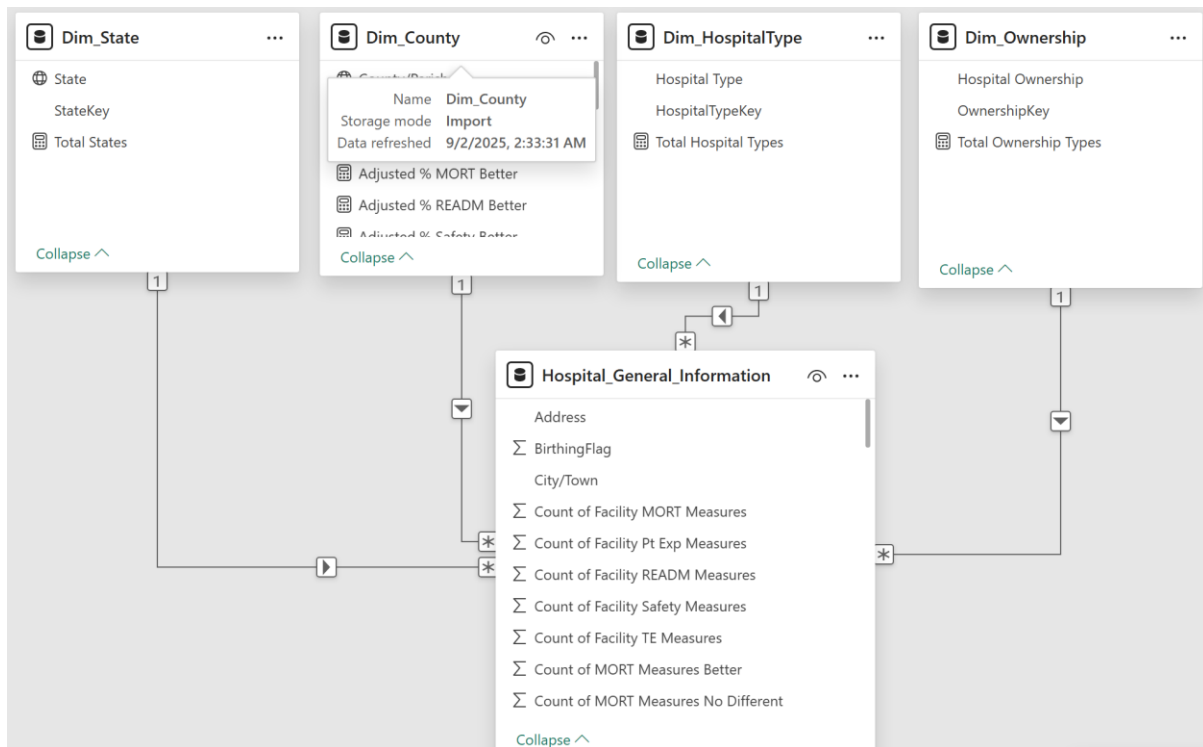Tested **Measure Improvement % slider** (100%,)

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 ✔

Refresh

✓ Dim_County
1,549 rows loaded.

✓ Dim_HospitalType
6 rows loaded.

✓ Dim_Ownership
12 rows loaded.

✓ Hospital_General_Information
5,384 rows loaded.

✓ Perf_Long
48,456 rows loaded.

Cancel

00:00:32.0₆₈

00:00:32.068