FINAL EXAM DATA VISUALIZATION
STUDY PROGRAM OF INFORMATION SYSTEMS
FACULTY OF ENGINEERING AND INFORMATICS
UNIVERSITAS MULTIMEDIA NUSANTARA

Nama : **Nurul Aini Lativah**
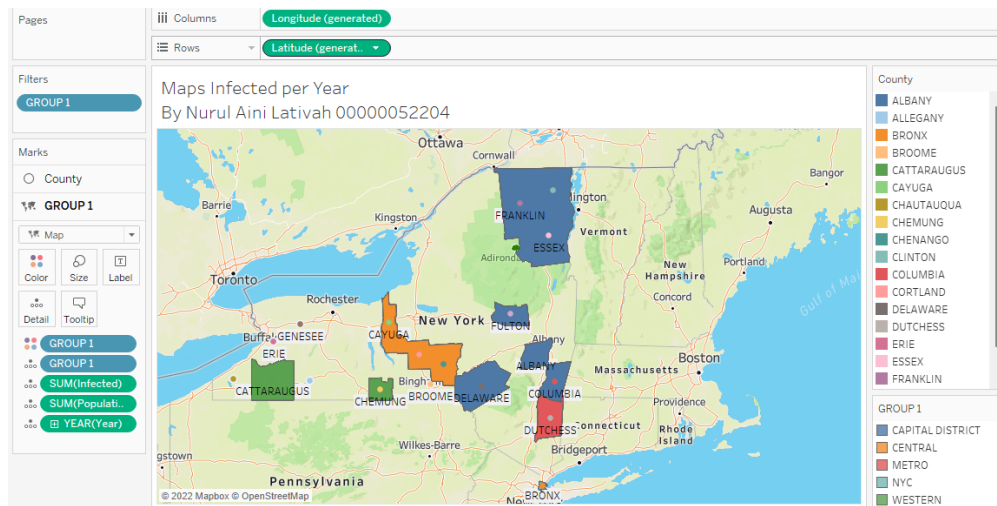
NIM : **00000052204**

Data Visualization Lecturer IS412 – B

Question and Answer!

1. **Question 1: Sub-CLO-3, (14 Points)**

    Create 1 view map of your project visualization data analysis exploration which is divided into at least 2 groups which are distinguished by the appropriate color. Use multiple map layers to add one additional piece of information to the group above.
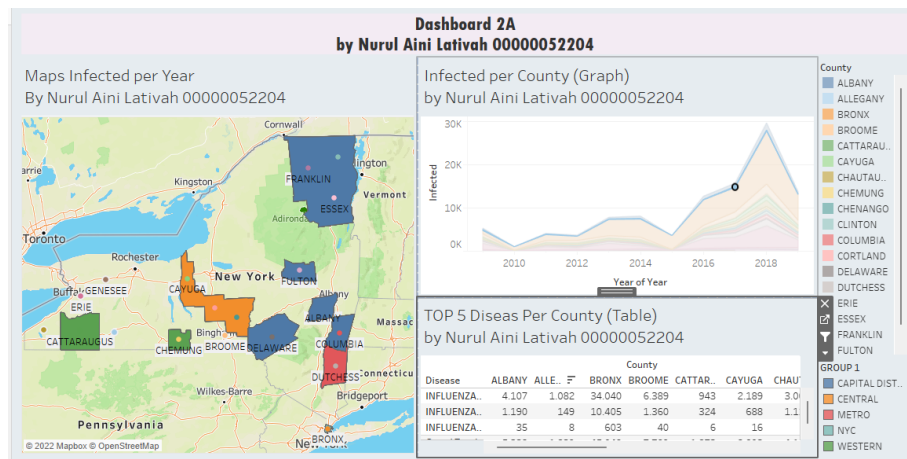
    Answer:

2. **Question 2: Sub-CLO-4, (29 Points)**

    Create 3 dashboards of your project as follows:
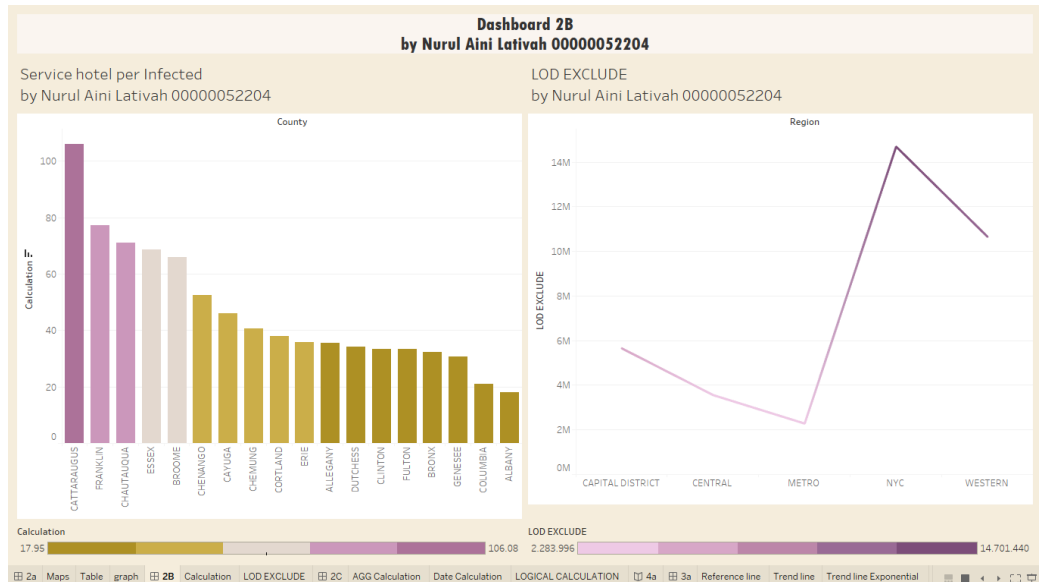
    - One dashboard contains views using tables, graph, and maps
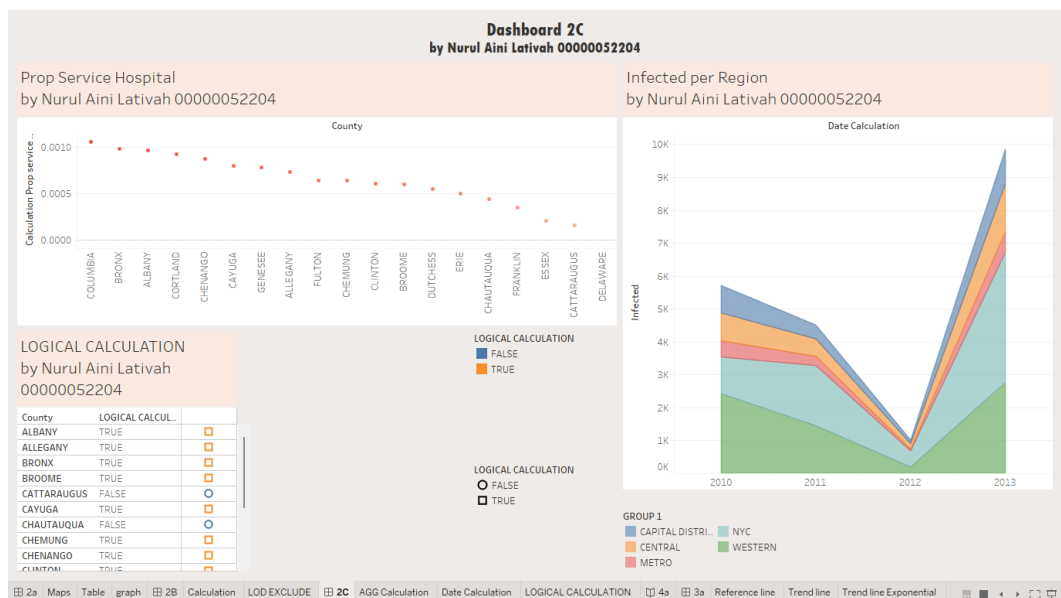
      Answer:

- One dashboard contains 1 view using Calculation and 2 view using LOD Calculation with expression Exclude, Include, or Fixed.

Answer:

- One dashboard contains 1 view using Date calculation, 1 view using Logic Calculation, and 1 view using Aggregate Calculation.
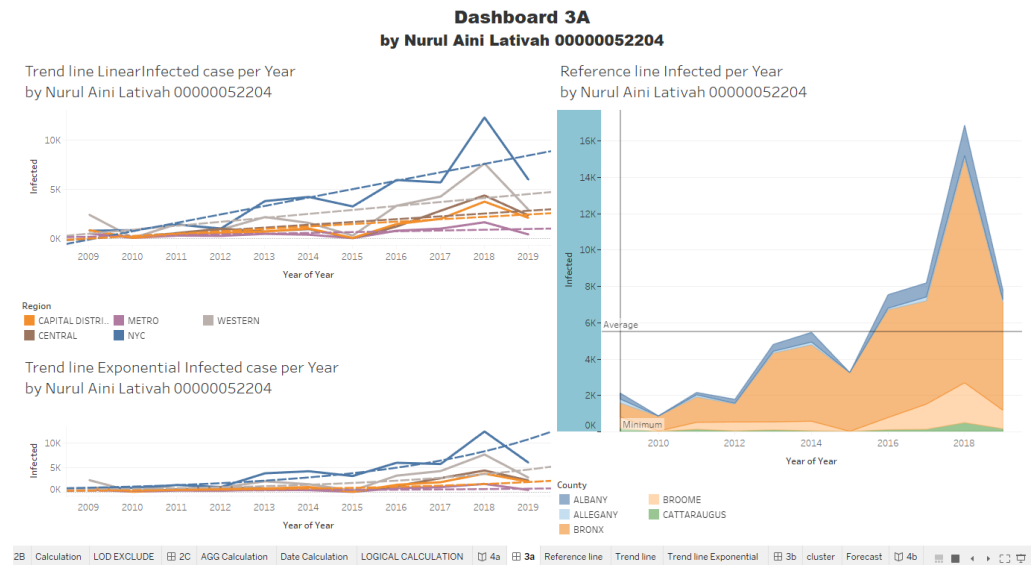
Answer:

3. **Question 3: Sub-CLO-5, (29 Points)**

Create 2 dashboards on predictive visualization using your project data as follows:

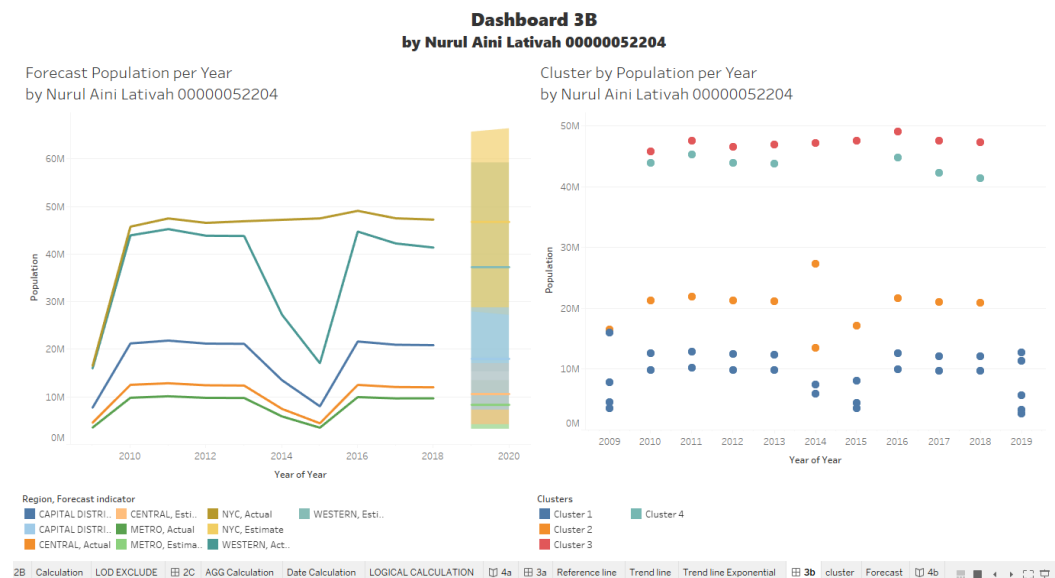- One dashboard contains 1 view using the Trend Line and 1 view using the Reference Line.

Answer:

- One dashboard contains 1 view using Forecasting and 1 view using Clustering.

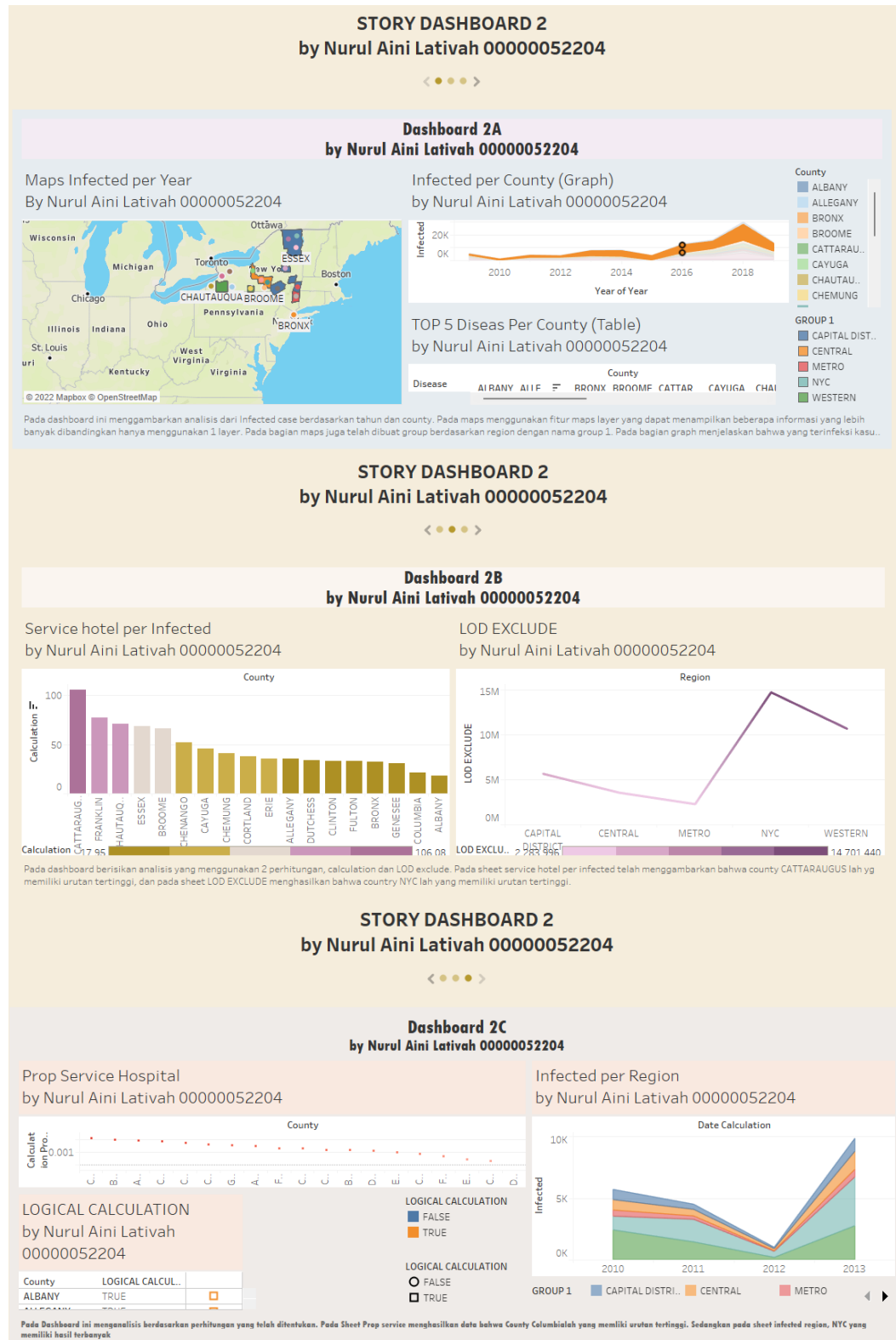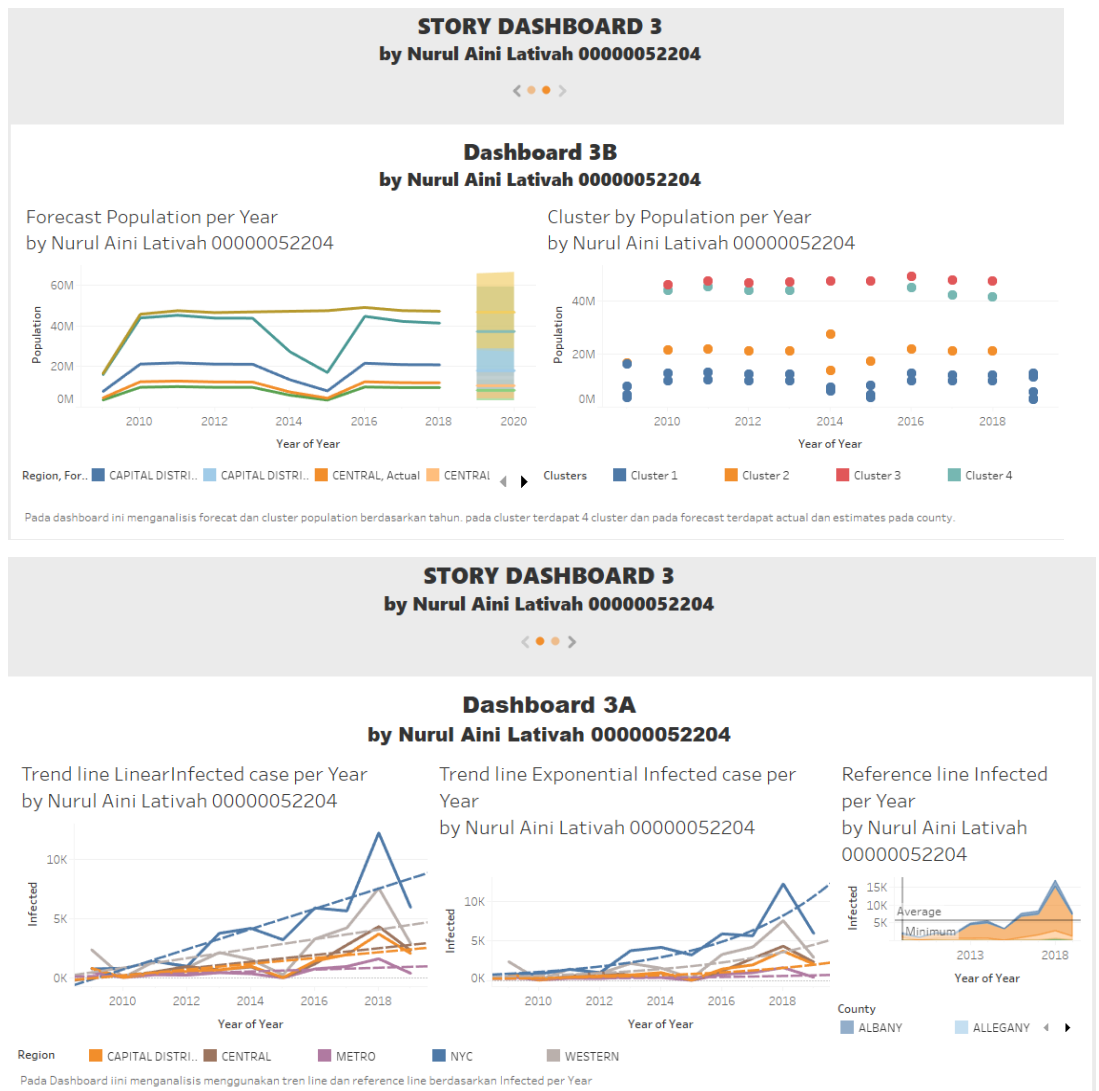Answer:

4. Question 4: Sub-CLO-6, (29 Points)

Create 1 story as creative as possible containing all dashboards in number 2 and 1 story containing all dashboards in number 3. Add some narrative of insight obtained from those stories.

- Story 1

- Story 2

STORY DASHBOARD 3
by Nurul Aini Lativah 00000052204

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Dashboard 3B
by Nurul Aini Lativah 00000052204

Forecast Population per Year
by Nurul Aini Lativah 00000052204

Cluster by Population per Year
by Nurul Aini Lativah 00000052204

Region, For.. ■ CAPITAL DISTRI.. ■ CAPITAL DISTRI.. ■ CENTRAL, Actual ■ CENTRAL ◄ ► Clusters ■ Cluster 1 ■ Cluster 2 ■ Cluster 3 ■ Cluster 4

Pada dashboard ini menganalisis forecast dan cluster population berdasarkan tahun. pada cluster terdapat 4 cluster dan pada forecast terdapat actual dan estimates pada county.

STORY DASHBOARD 3
by Nurul Aini Lativah 00000052204

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Dashboard 3A
by Nurul Aini Lativah 00000052204

Trend line LinearInfected case per Year
by Nurul Aini Lativah 00000052204

Trend line Exponential Infected case per Year
by Nurul Aini Lativah 00000052204

Reference line Infected per Year
by Nurul Aini Lativah 00000052204

County ■ ALBANY ■ ALLEGANY ◄ ►

Region ■ CAPITAL DISTRI.. ■ CENTRAL ■ METRO ■ NYC ■ WESTERN

Pada Dashboard iini menganalisis menggunakan tren line dan reference line berdasarkan Infected per Year

Notes: kedua narrative story ditulis pada caption