PROJECT DEVELOPMENT PHASE

SPRINT IV

Date	18/11/2022
Team ID	PNT2022TMID44298
Project Name	Analytics for Hospital's Healthcare Data

Cognos Analytics Story:

- A Story contains a set of scenes that are displayed in sequence.
- Stories are similar to dashboards because they also use to share your insights.
- Stories differ from dashboards because they provide an over-time narrative and can convey a conclusion orRecommendation.
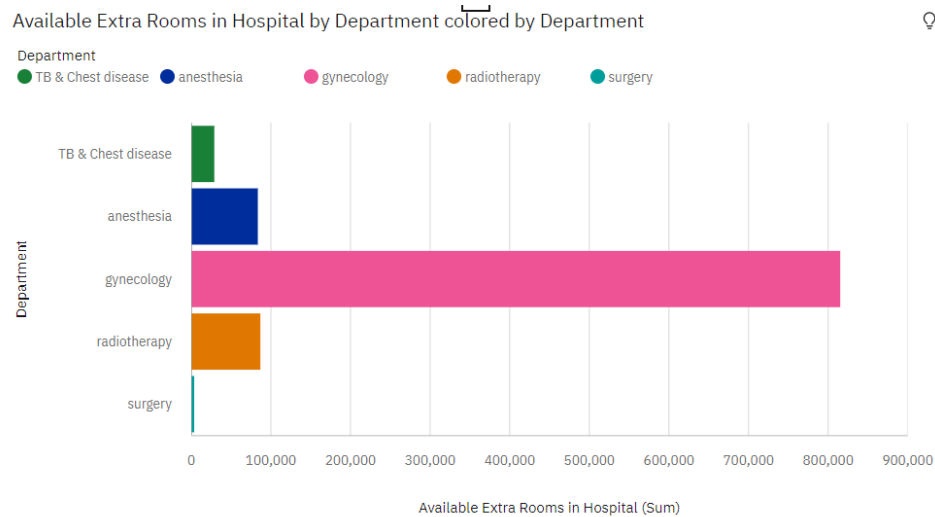
USN-6:

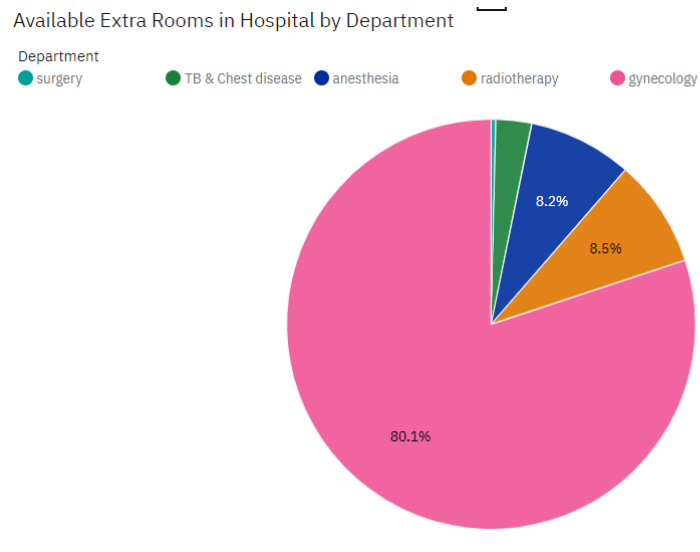**Story Card of Analytics of Hospitals Health Care Dataset Using Cognos Analysis:**

- As a Data analyst, I will create different types of models in explored data to identify suitable.

Test_data.csv visualizations

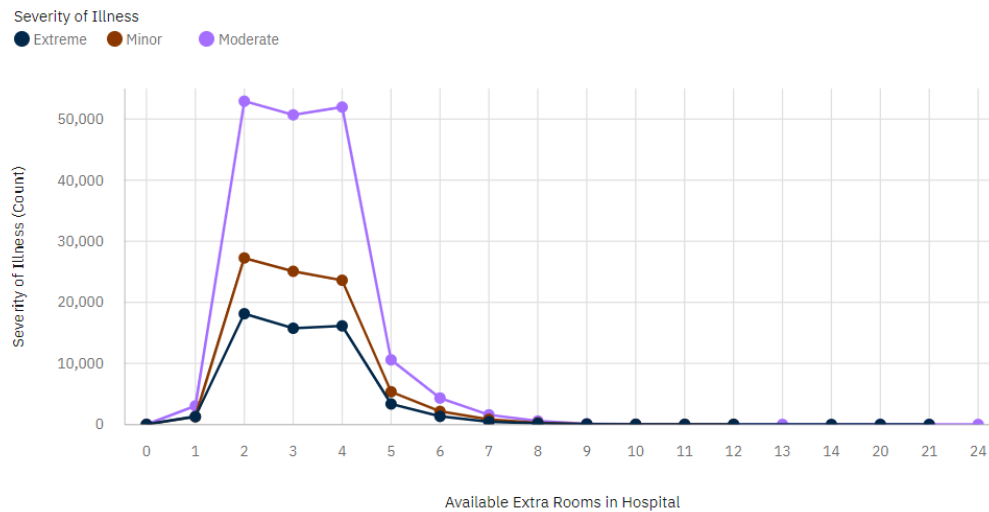- The total number of results for available extra rooms in hospital, across all departments, is over 137 thousand.

Available Extra Rooms in Hospital by Department colored by Department

Department
- TB & Chest disease - anesthesia - gynecology - radiotherapy - surgery

Department	
TB & Chest disease	
anesthesia	
gynecology	
radiotherapy	
surgery	

0   100,000   200,000   300,000   400,000   500,000   600,000   700,000   800,000   900,000

Available Extra Rooms in Hospital (Sum)

- The most common value of department is gynecology, occuring over 107 thousand times which is 80.1% of the total.

Available Extra Rooms in Hospital by Department

Department
- surgery - TB & Chest disease - anesthesia - radiotherapy - gynecology
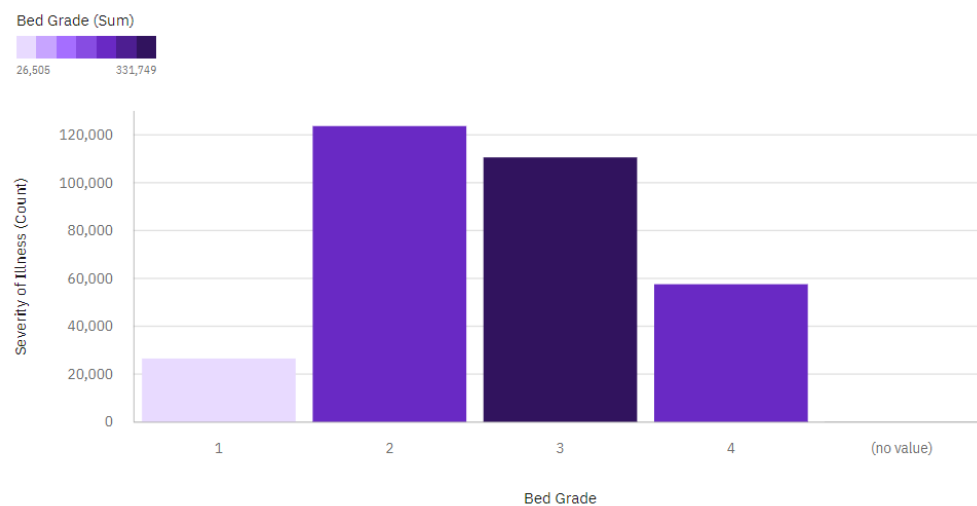
8.2%
8.5%
80.1%

- The most common values of Available Extra Rooms in Hospital are 2 (31.1 %), 4 (28.8 %), and 3 (28.6 %), together occurring over 121 thousand times, which is 88.5 % of the total.

Severity of Illness by Available Extra Rooms in Hospital colored by Severity of Illness

Severity of Illness
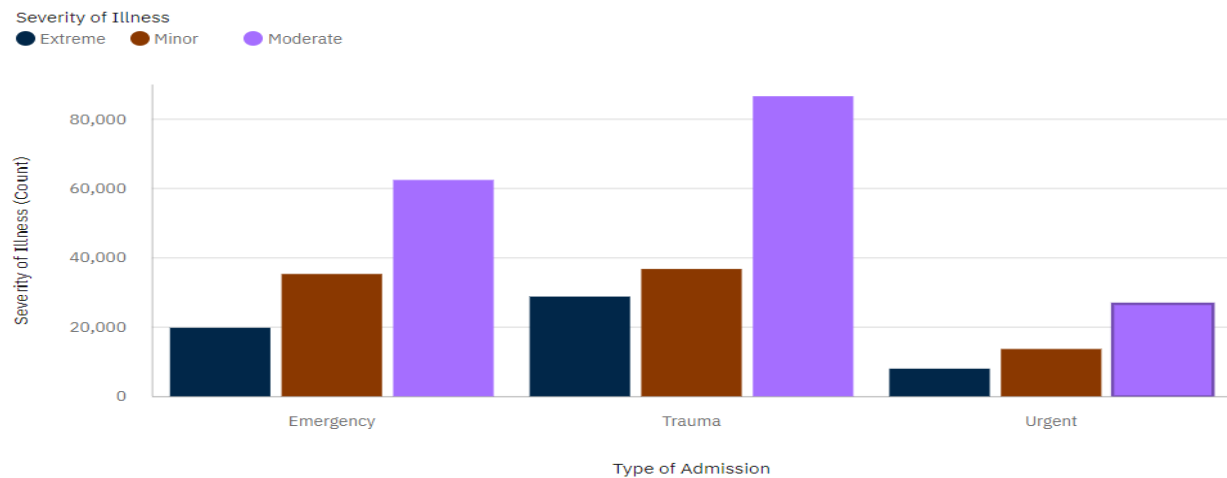● Extreme ● Minor ● Moderate

- The most common values of Bed Grade are 2 (38.5 %) and 3 (35.3 %), together occurring over 101 thousand times, which is 73.8 % of the total

Severity of Illness by Bed Grade colored by Bed Grade

Bed Grade (Sum)
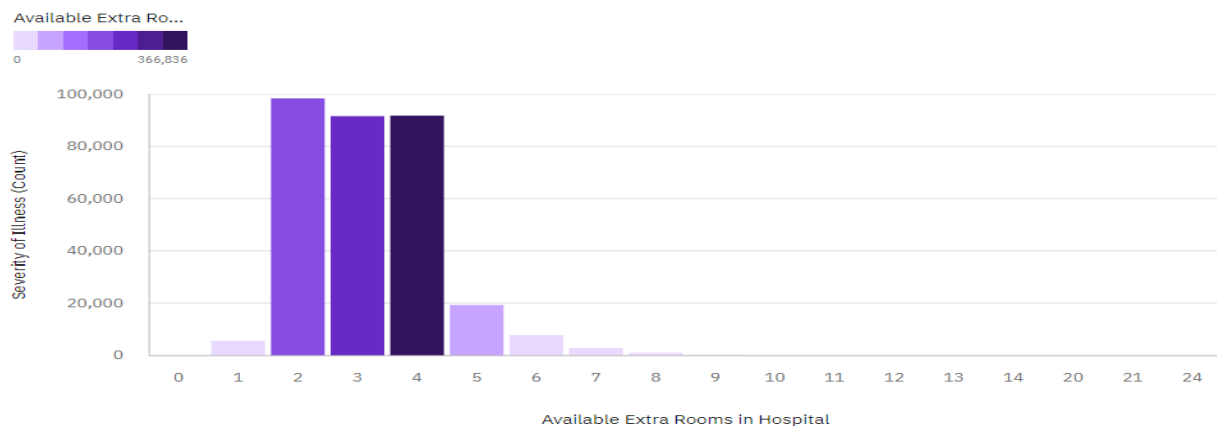
26,505   331,749

- The most common value of Severity of Illness is Moderate, occurring nearly 76 thousand times, which is 55.2 % of the total.
- The total number of results for Severity of Illness, across all type of admissions, is over 137 thousand.

Severity of Illness by Type of Admission colored by Severity of Illness

Severity of Illness
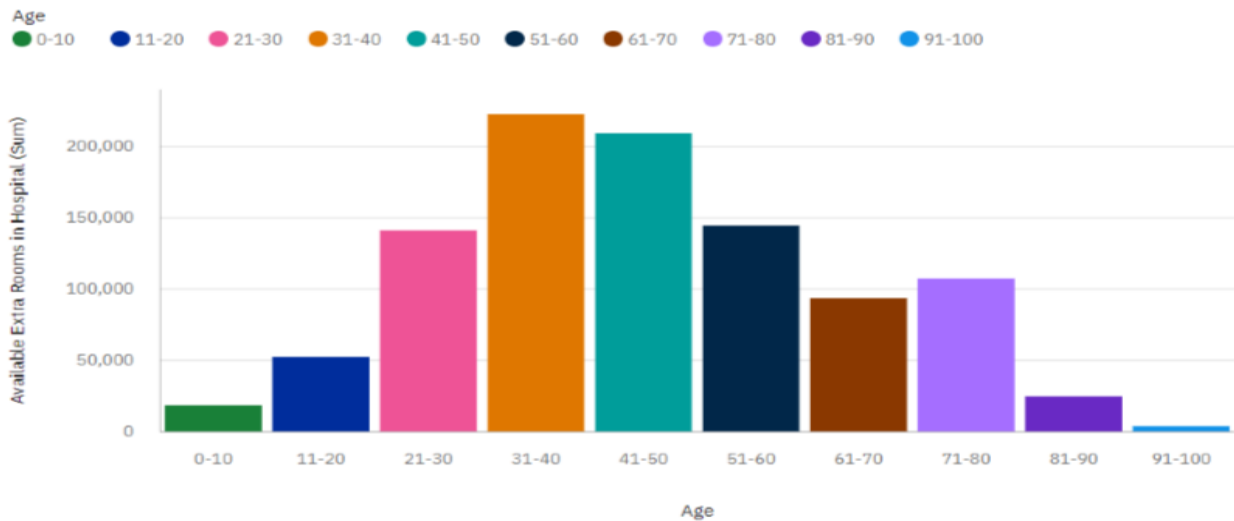● Extreme   ● Minor   ● Moderate

- The most common values of Available Extra Rooms in Hospital are 2 (31.1 %), 4 (28.8 %), and 3 (28.6 %), together occurring over 121 thousand times, which is 88.5 % of the total.

Severity of Illness by Available Extra Rooms in Hospital colored by Available Extra Rooms in Hospital

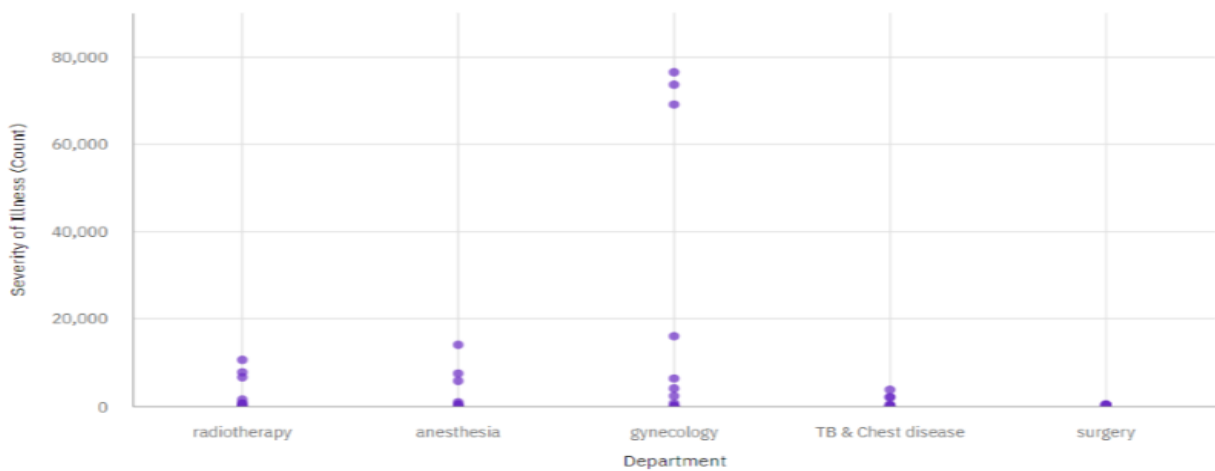Available Extra Ro...
0   366,836

- Available Extra Rooms in Hospital is most unusual when the combinations of Age and Age are 31-40 and 31-40, 41-50 and 41- 50 and 91-100 and 91-100.

Available Extra Rooms in Hospital by Age colored by Age

Age
● 0-10 ● 11-20 ● 21-30 ● 31-40 ● 41-50 ● 51-60 ● 61-70 ● 71-80 ● 81-90 ● 91-100
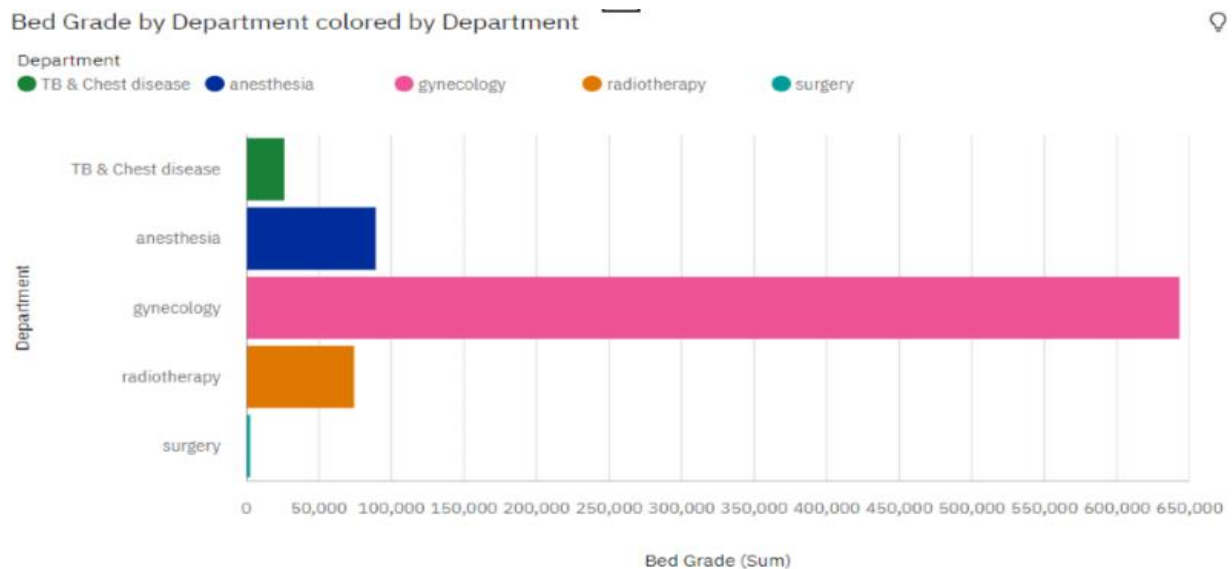

- The most common value of Department is gynecology, occurring over 107 thousand times, which is 78.2 % of the total.
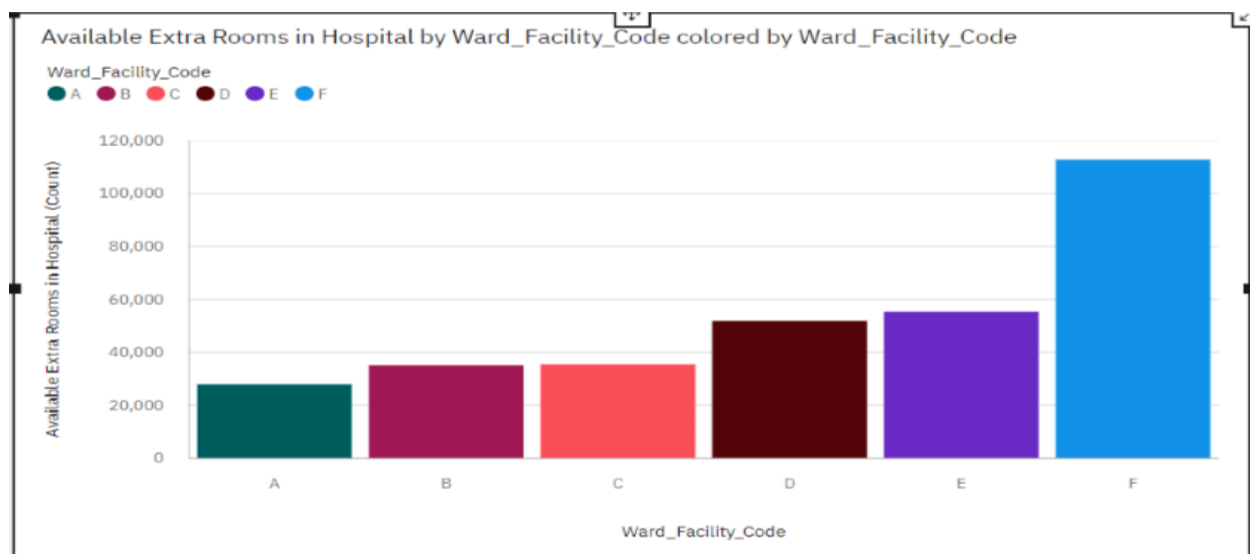
Department by Severity of Illness with points for Available Extra Rooms in Hospital
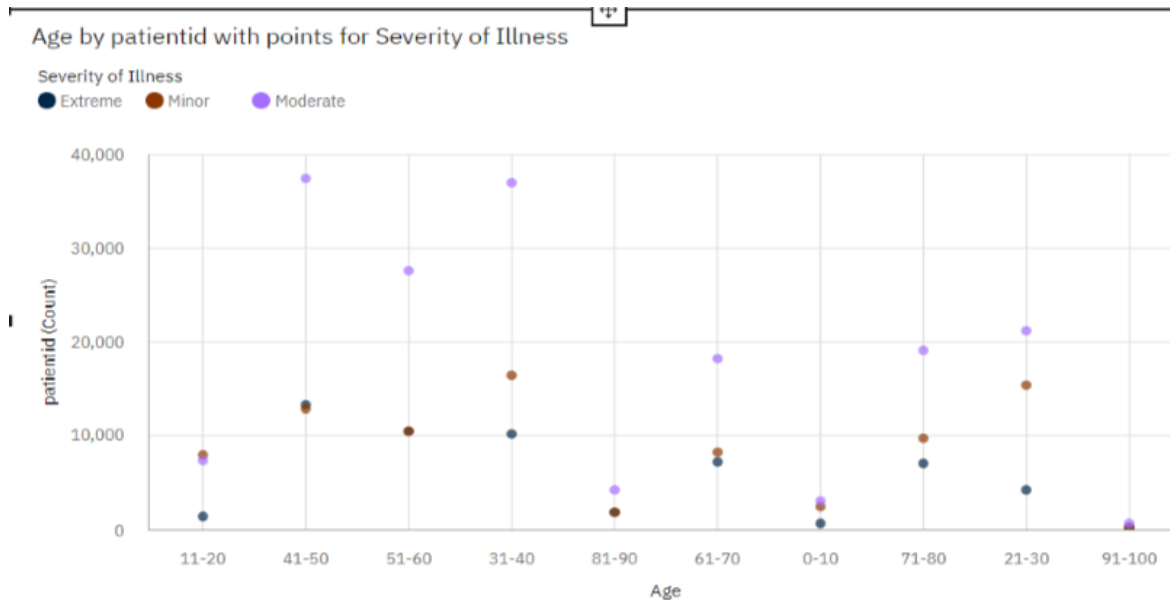
- The most common value of Department is gynecology, occurring over 249 thousand times, which is 78.3 % of the total.
- The total number of results for Bed Grade, across all departments, is over 318 thousand.

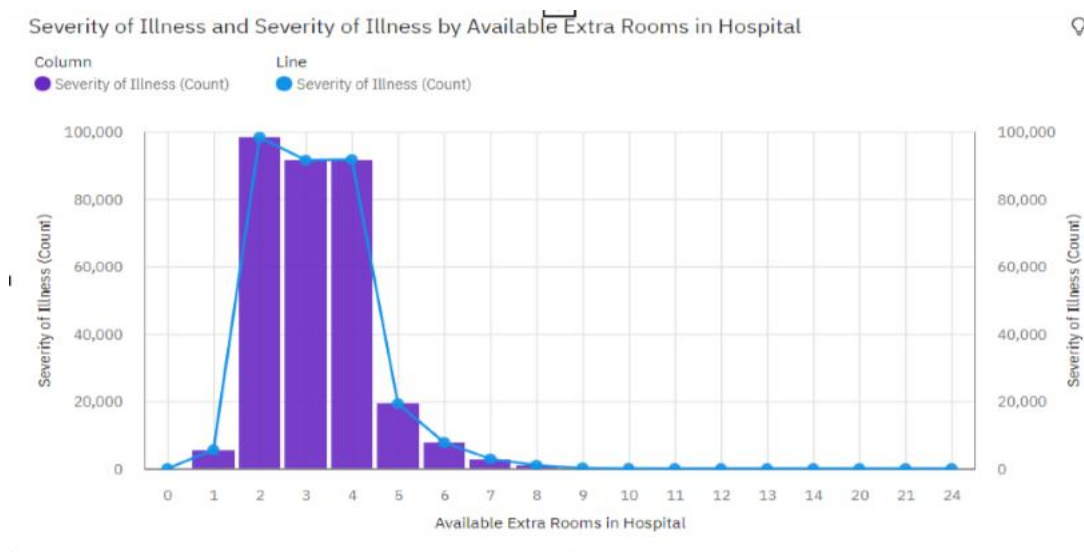Bed Grade by Department colored by Department

- The most common value of Ward_Facility_Code is F, occurring nearly 113 thousand times, which is 35.4 % of the total.

Available Extra Rooms in Hospital by Ward_Facility_Code colored by Ward_Facility_Code

- The most common values of Age are 41-50 (20 %) and 31-40 (20 %), together occurring over 127 thousand times, which is 40 % of the total.

Age by patientid with points for Severity of Illness

- The most common values of Available Extra Rooms in Hospital are 2 (30.9 %), 4 (28.8 %), and 3 (28.7 %), together occurring nearly 282 thousand times, which is 88.4 % of the total.

Severity of Illness and Severity of Illness by Available Extra Rooms in Hospital

- The most common values of Bed Grade are 2 (38.8 %) and 3 (34.7 %), together occurring over 234 thousand times, which is 73.6 % of the total.
- The counts are most unusual when the values of Bed Grade are (no value) and 2.

Department by Bed Grade