Web App Code for Embedding Story

Date	17 November 2022
Team ID	PNT2022TMID40524
Project Name	Project – Analytics for Hospitals Health Care Data

Web App Code for Embedding Story Analytics for Hospitals Health Care-data:

embedded cognos story.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Analytics for health-care data </title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet">
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"></script>
</head>
<body>
<div class="container-fluid p-5 bg-primary text-white text-center"> <h1> Analytics for Hospitals Health Care-data</h1>
<p>Story of Health-care data</p>
<p><iframe
src="https://us1.ca.analytics.ibm.com/bi/?perspective=story&id=i7F047E981832476B9F83C3E14FD4F814&objRef=i7F047E981832476B9F83C3E
```

14FD4F814&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bid%5D=com.ibm.bi.dashboard
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l%5D=true&options%5Bconfig%5D%5BenableCustomVisualizations%5D=true&options%5Bconfig%5D%5BassetTags%5D%5B%5D=story&options
%5Bconfig%5D%5BfilterDock%5D=true&options%5Bconfig%5D%5BshowMembers%5D=true&options%5Bconfig%5D%5Bupgrades%5D=dashbo
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options%5Bconfig%5D%5BsmartTitle%5D=true&options%5Bconfig%5D%5BnavigationGroupAction%5D=true&options%5Bconfig%5D%5BenableDataQuality%5D=false&options%5Bconfig%5D%5BmemberCalculation%5D=false&isAuthoringMode=false&boardId=i7F047E981832476B9F83C
3E14FD4F814&sceneId=" ></iframe></p>

</body>

</html>

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 or Recommendation.

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

USN:6:

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

Analytics for Hospitals Health Care data

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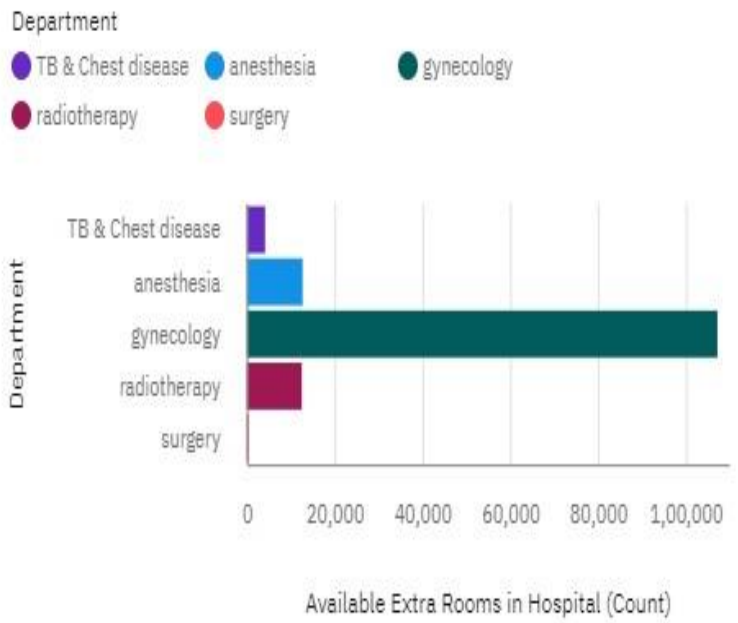
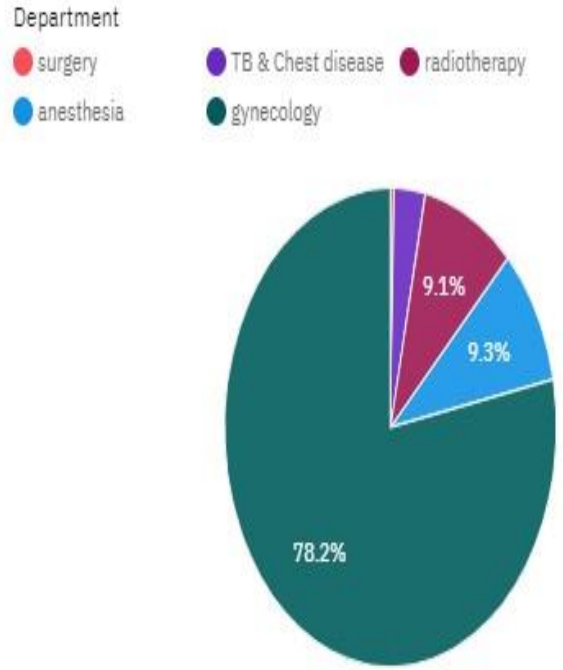
Test_data.csv Visualizations

Available Extra Rooms in Hospital by Department colored by Department



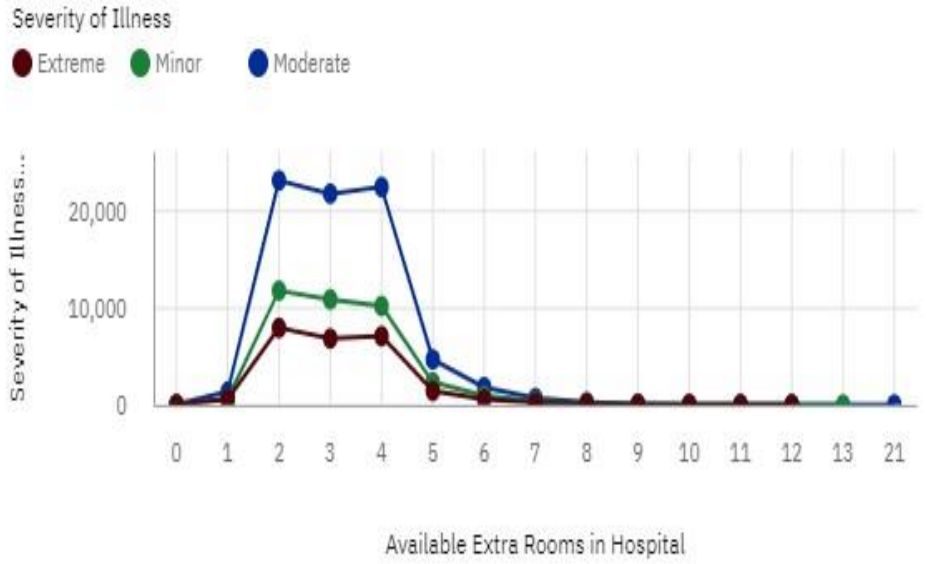
Available Extra Rooms in Hospital by Department



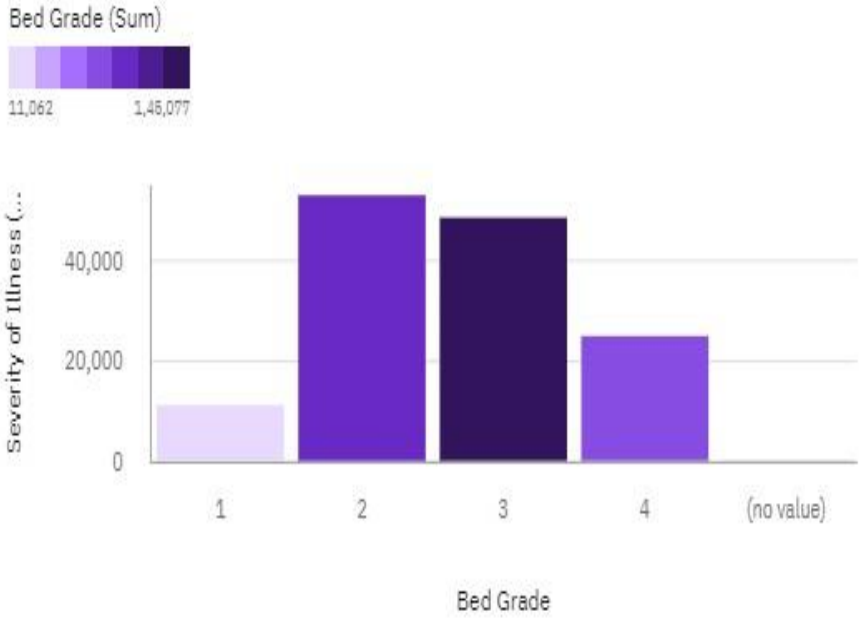
- The most common value of Department is gynecology, occurring over 107 thousand times, which is 78.2 % of the total.

♦ The total number of results for Available Extra Rooms in Hospital, across all departments, is over 137 thousand.

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



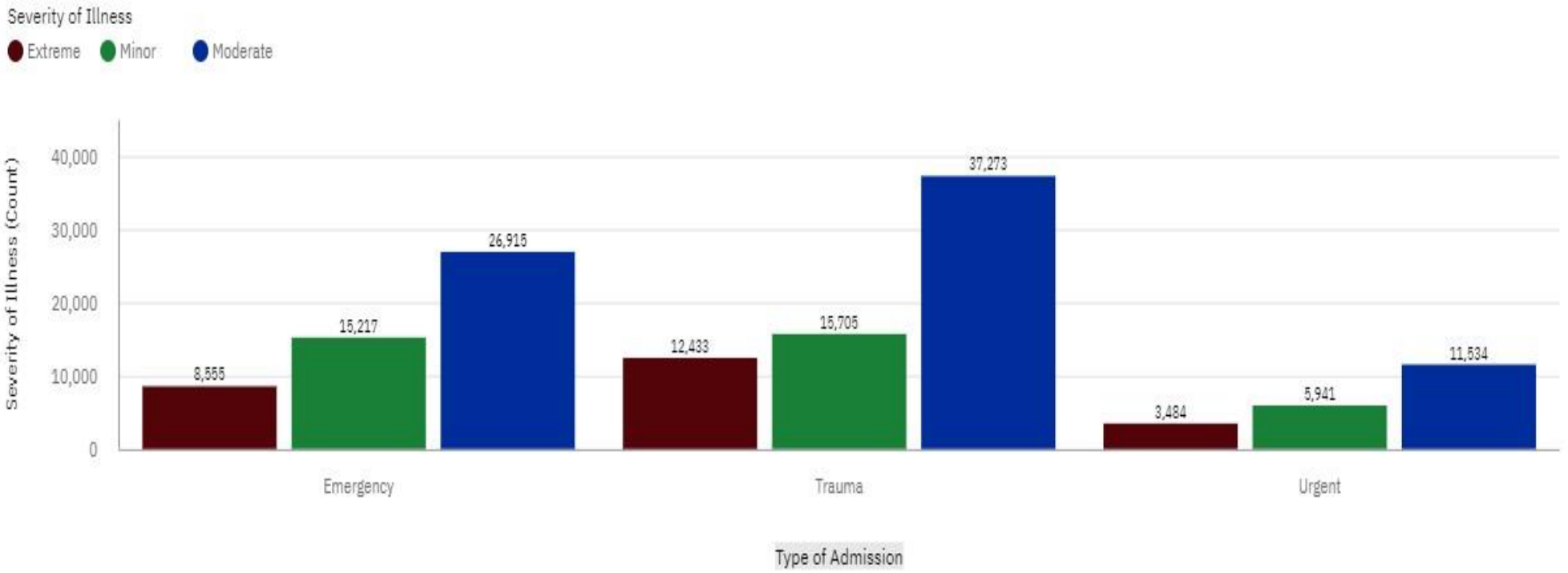
Severity of Illness by Bed Grade colored by Bed Grade



♦ 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.

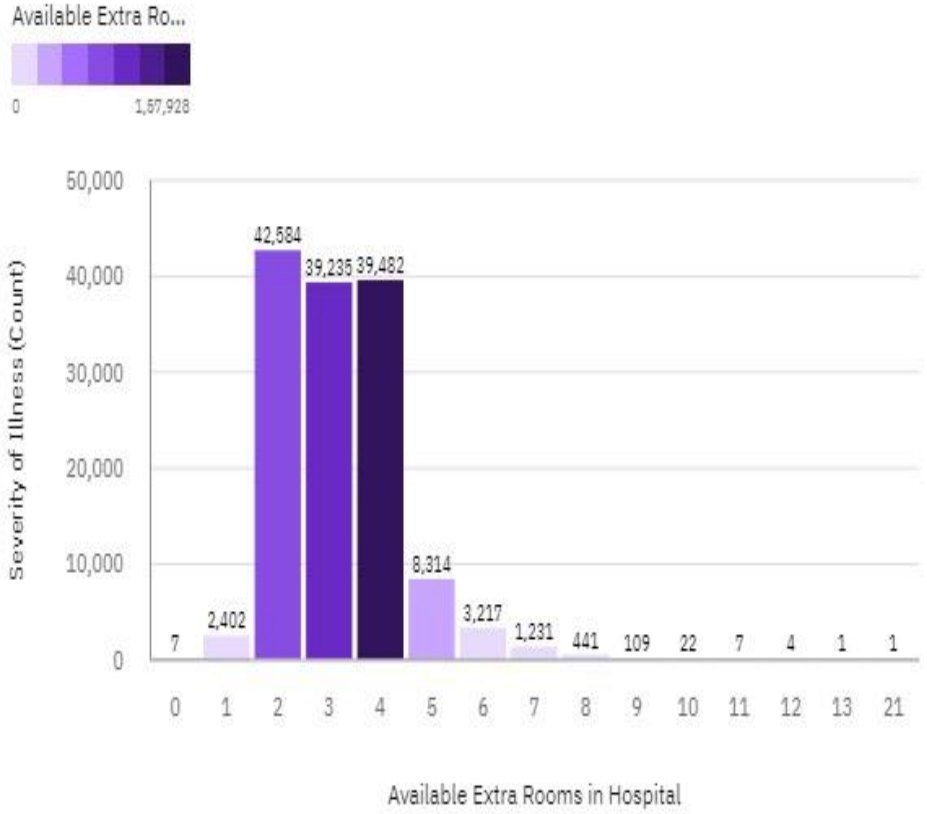
♦ The most common values of Bed Grade are 2 (38.5 %) and 3 (35.3 %),together occurring over 101 thousand times, which is 73.8 % of the total

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

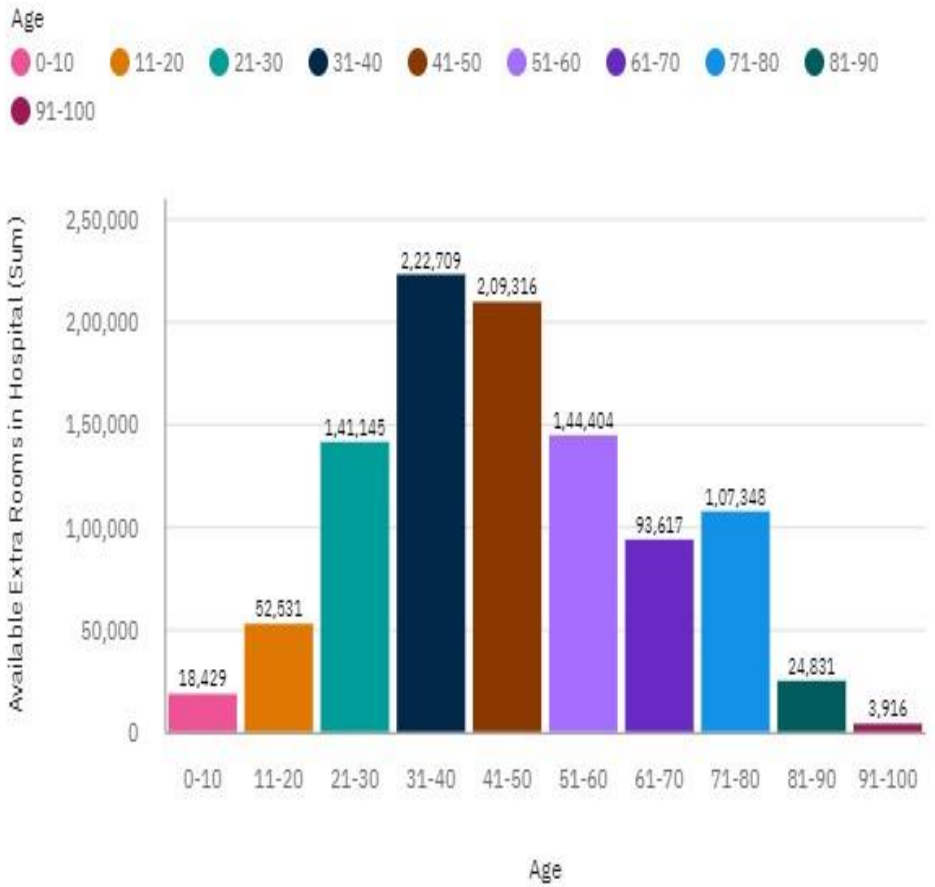


- The most common value of Severity of Illness is Moderate, occurring nearly 76 thousand times, which is 55.2 % of the total.
- The total number of results for Severity of Illness, across all type of admissions, is over 137 thousand.

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



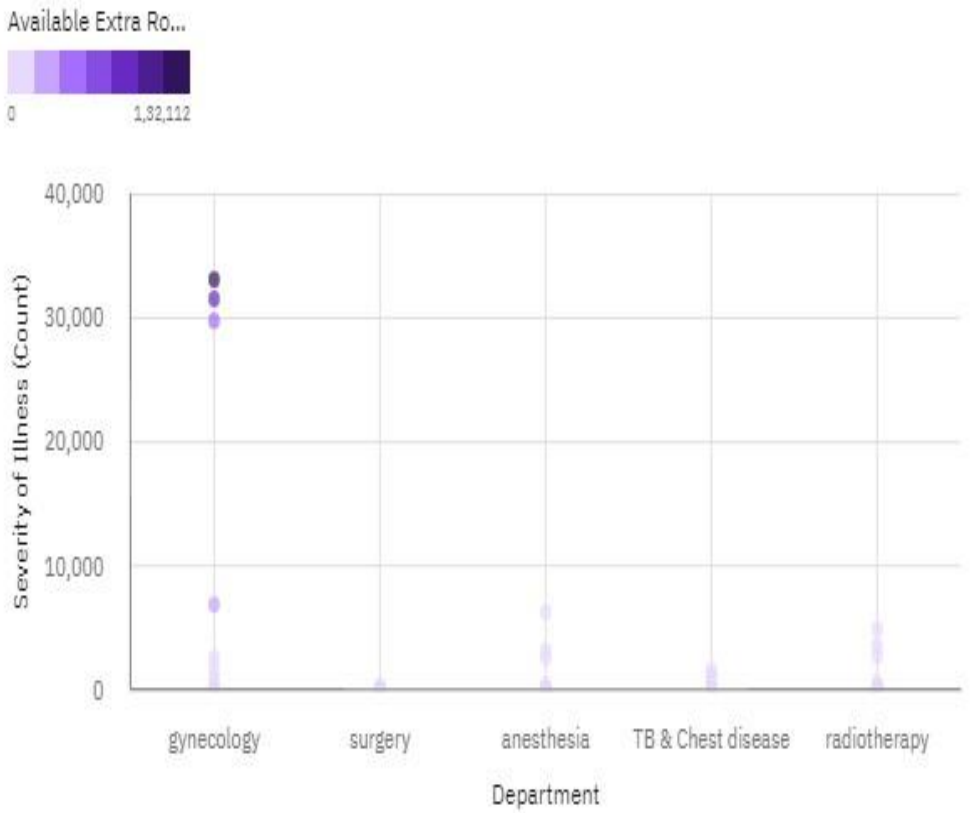
Available Extra Rooms in Hospital by Age colored by Age



♦ 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.

♦ 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.

Department by Severity of Illness with points for Available Extra Rooms in Hospital



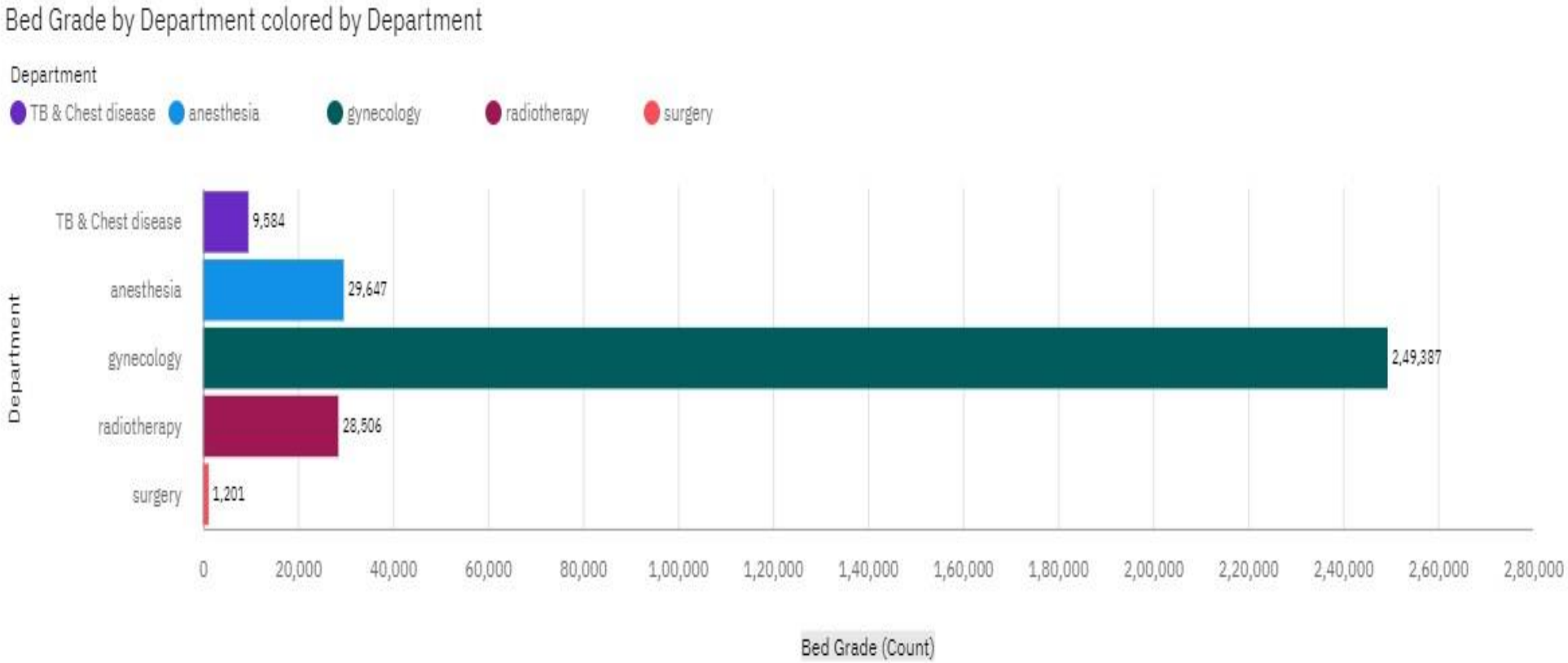
case_id for Department and City_Code_Patient

case_id	Chest disease	anesthesia	gynecology	radiotherapy	surge
1.0	353	1,238	8,876	878	
2.0	513	1,683	13,501	1,096	
3.0	72	243	1,207	105	
4.0	197	775	7,086	731	
5.0	281	777	6,925	885	
6.0	73	219	2,203	222	
7.0	425	972	7,690	1,031	
8.0	1,568	4,527	40,898	5,595	
9.0	156	398	3,870	460	
10.0	75	349	2,946	238	
11.0					

♦ The most common value of Department is gynecology, occurring over 107 thousand times, which is 78.2 % of the total.

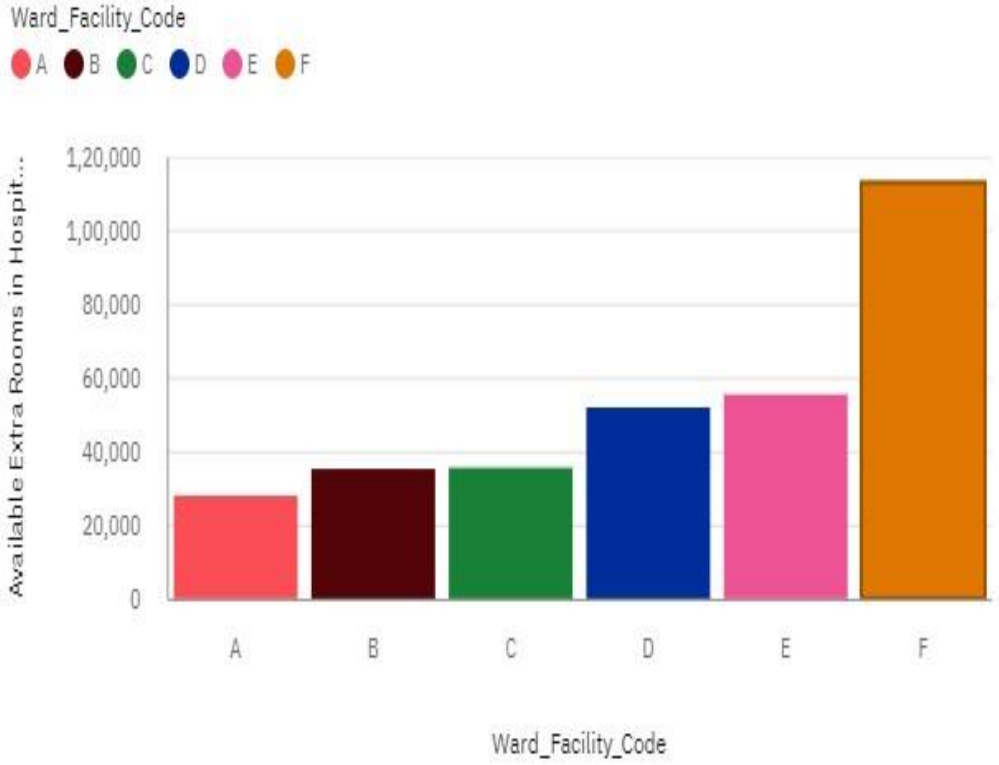
♦ The most common values of City_Code_Patient are 23.0 (3.2 %), 20.0 (3.2 %), 16.0 (3.2 %), 15.0 (3.2 %), and 14.0 (3.2 %), together occurring 25 times, which is 16.2 % of the total.

Train_data.csv Visualizations

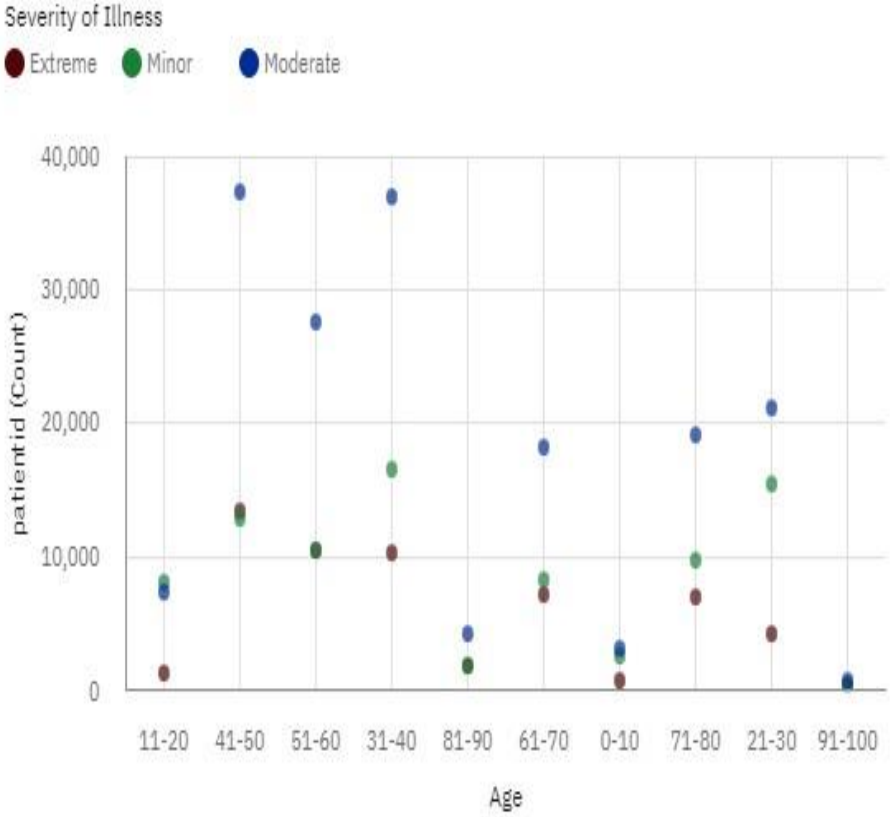


- The total number of results for Bed Grade, across all departments, is over 318 thousand.
- The most common value of Department is gynecology,occurring over 249 thousand times, which is 78.3 % of the total

Available Extra Rooms in Hospital by Ward_Facility_Code colored by Ward_Facility_Code

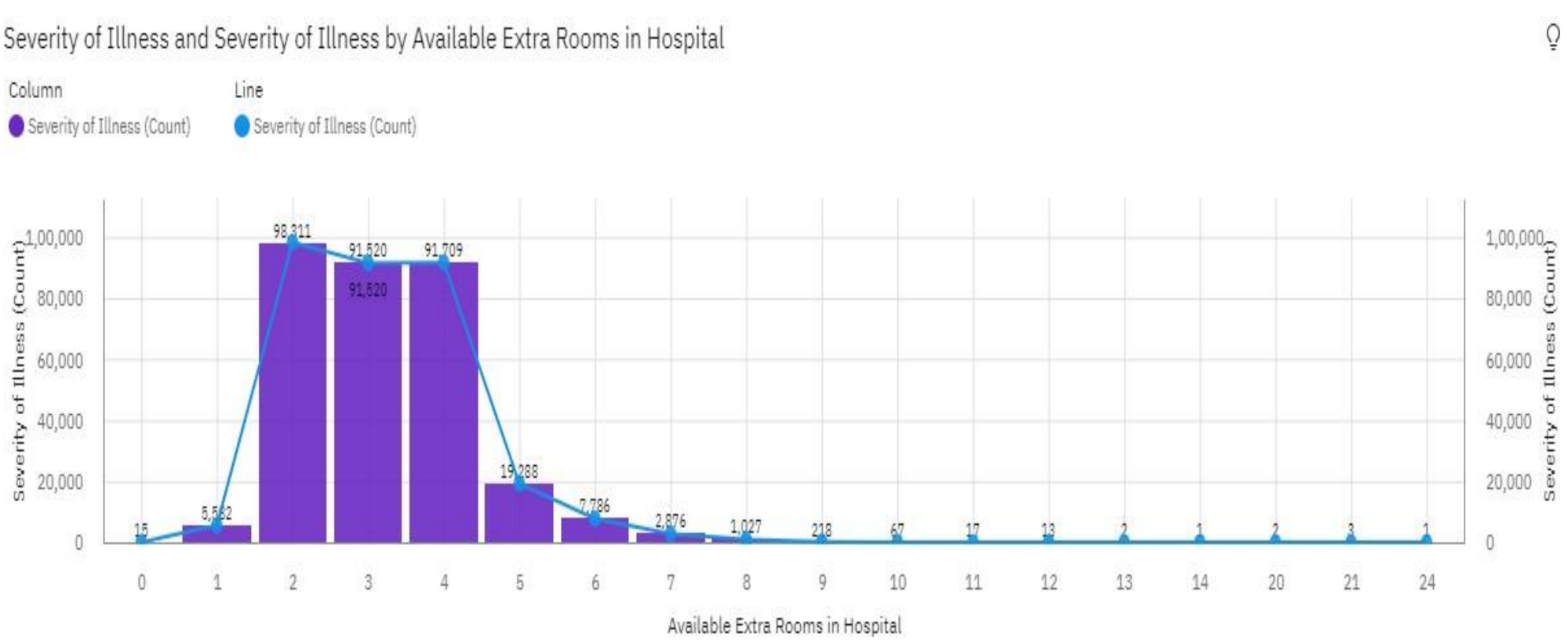


Age by patientid with points for Severity of Illness



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

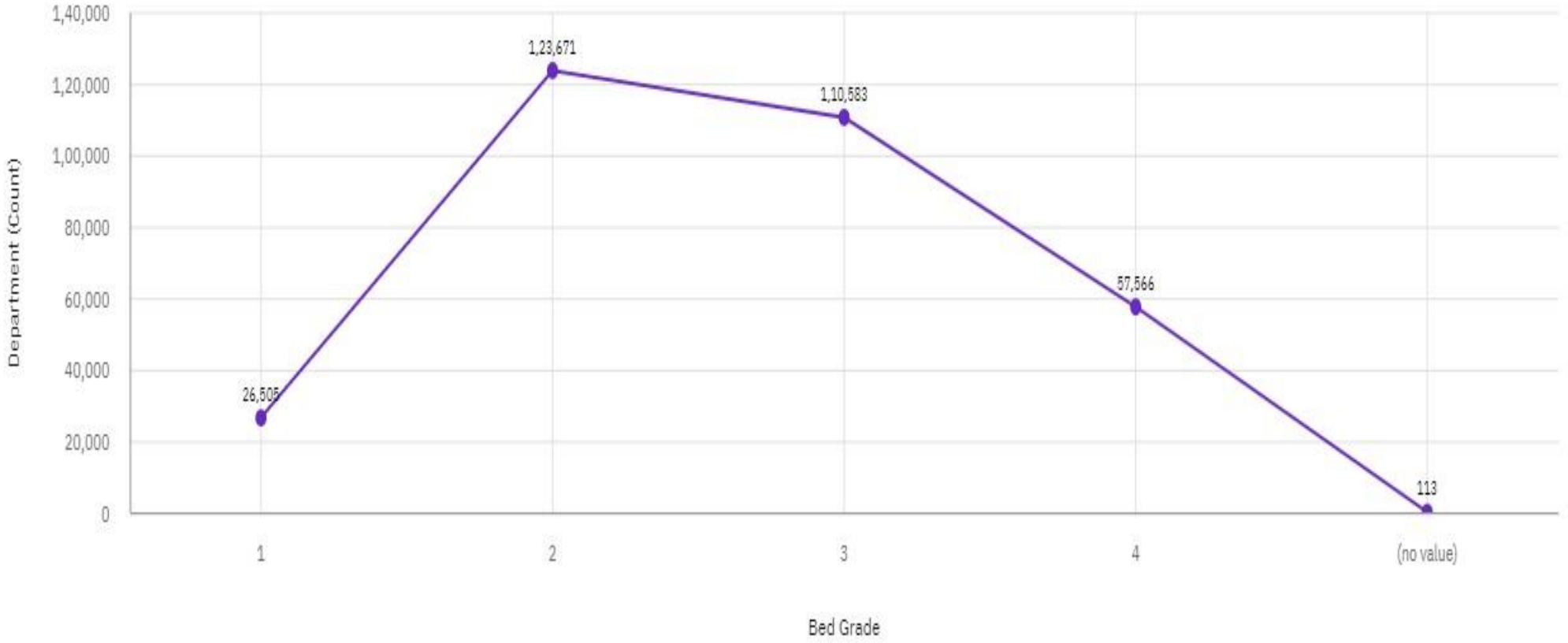
♦ The most common values of Age are 41-50 (20 %) and 31-40 (20 %),together occurring over 127 thousand times, which is 40 % of the total.



♦ The total number of results for Severity of Illness, across all available extra rooms in hospitals, is over 318 thousand.

♦ 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.

Department by Bed Grade



- 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 total number of results for Department, across all bed grades, is over 318 thousand.