

**PROJECT DEVELOPMENT PHASE**  
**SPRINT DELIVERY -4**

TEAM ID : PNT2022TMID17589

BATCH NO: B8-2A4E

PROJECT: Analytics For Hospital Health care Data

Date :13 Nov 2022



# **ANALYTICS FOR HOSPITAL'S** **HEALTH - CARE DATA**

PROJECT CONTRIBUTORS

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# Project Development Phase

<b>Sprint-1:</b> <ul style="list-style-type: none"><li>✓ Data Collection</li><li>✓ Loading of data</li><li>✓ Data Preparation</li></ul>	<b>Sprint-3:</b> <ul style="list-style-type: none"><li>✓ Dashboard Creation</li></ul>
<b>Sprint-2:</b> <ul style="list-style-type: none"><li>✓ Data Exploration</li><li>✓ Data Visualization</li></ul>	<b>Sprint-4:</b> <ul style="list-style-type: none"><li>✓ Report Creation</li><li>✓ Story Creation</li></ul>

# STORY

Analytics Filters Fields Properties

**ANALYTICS FOR HOSPITAL HEALTH'S CARE DATA**



Prev scene Next scene Scene 1 of 6 0:04.9 0:05.0

Data on this story is provided by **IBM Db2**.

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TEMPLATE

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IBM Cognos Analytics with Watson

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Filters

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TEAM

1.BRINDHA.I

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3.SOWMIYA.M

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Data on his s ory i prov de by IB b2.

Type here to search

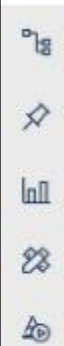
File Explorer

sample\_sub.c...

FINAL\_STORY ...

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06:38 PM 13-Nov-22

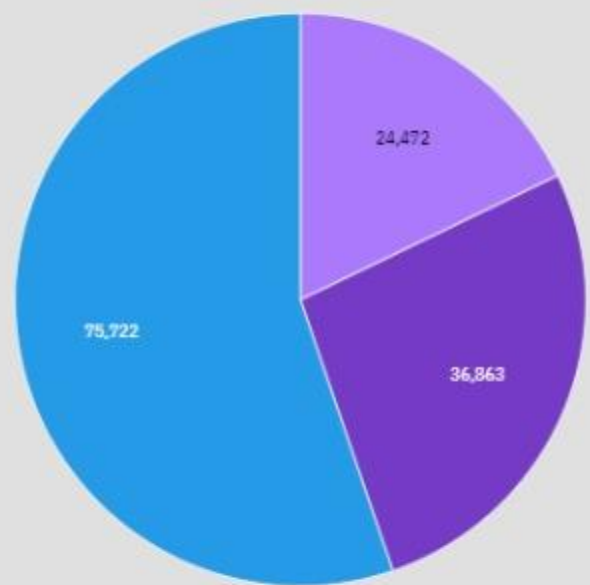




## ANALYSIS ON CASE ID WITH SEVERITY OF ILLNESS AND DEPARTMENT

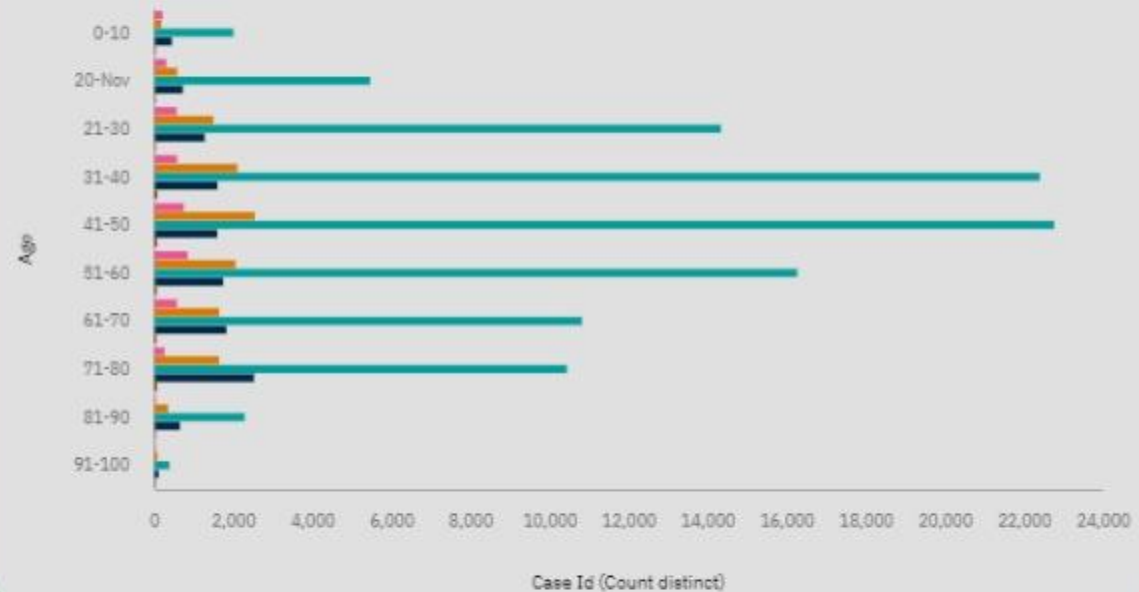
Case Id by Severity Of Illness

Severity Of Illness  
Extreme Minor Moderate



Case Id by Age colored by Department

Department  
TB & Chest disease anesthesia gynecology radiotherapy surgery

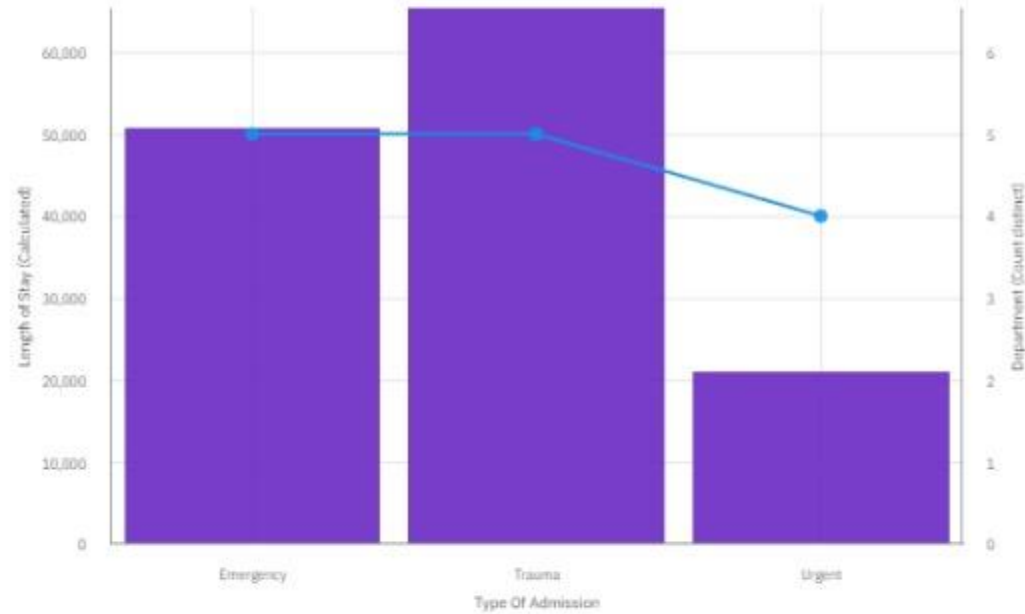


## Analysis with length of stay ,Department,Ward type

Department and Length of Stay by Type Of Admission

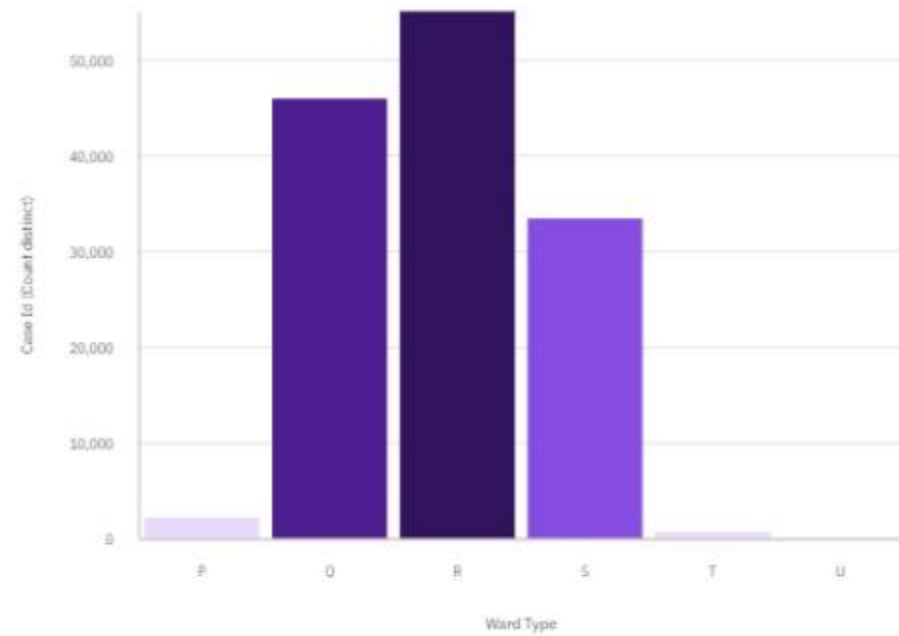
Column  
Length of Stay (Calculated)

Line  
Department (Count distinct)



Case Id by Ward Type colored by Length of Stay

Length of Stay (Ca...  
3 54,992

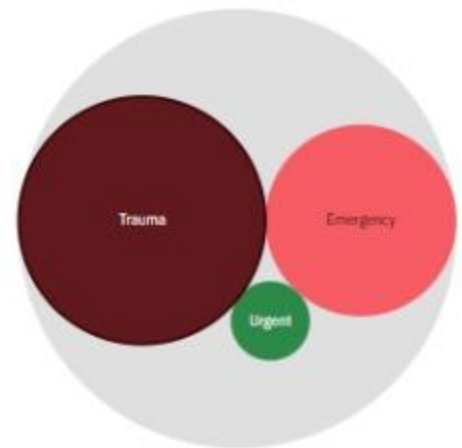




Type Of Admission hierarchy colored by Type Of Admission and sized by Number of patients

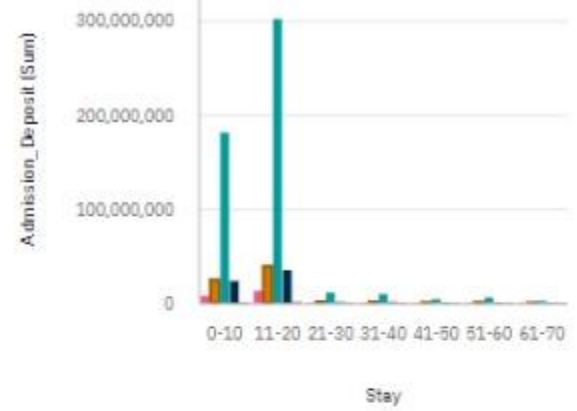
Number of patient...  
20,959 65,411

Type Of Admission  
Emergency Trauma Urgent



Admission\_Deposit by Stay colored by Department

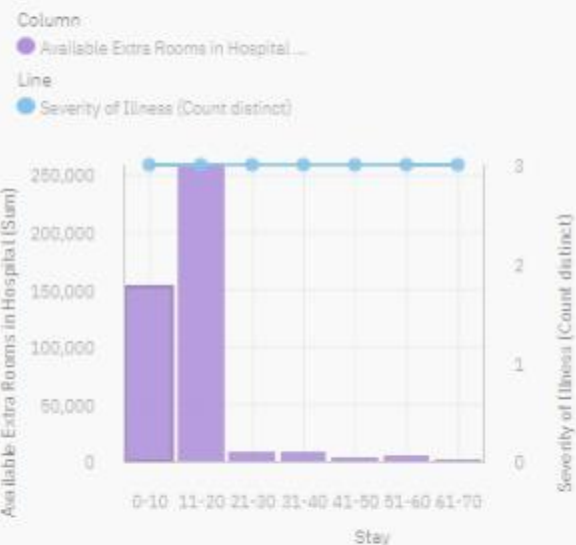
Department  
TB & Chest disease anesthesia gynecology  
radiotherapy surgery



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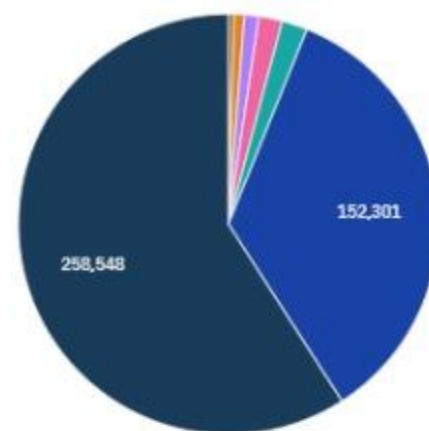
## Analysis the length of stay based on the various parameters

Severity of Illness and Available Extra Rooms in Hospital by Stay



Stay

- 61-70
- 41-50
- 51-60
- 31-40
- 21-30
- 0-10
- 11-20



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