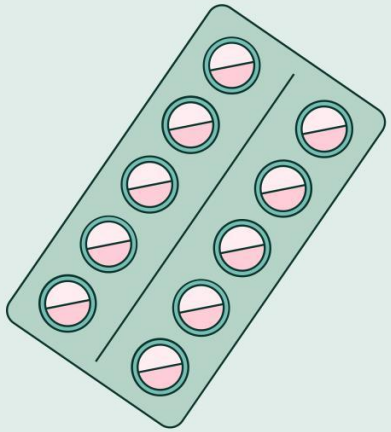
Cognos Embedded with Web application

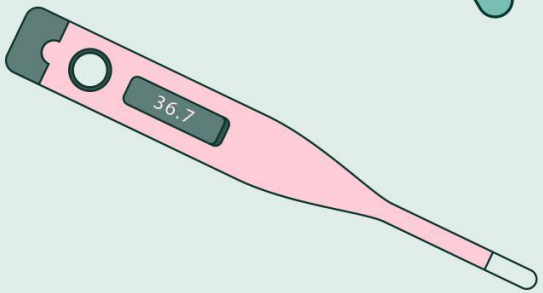
TEAM ID : PNT2022TMID01180

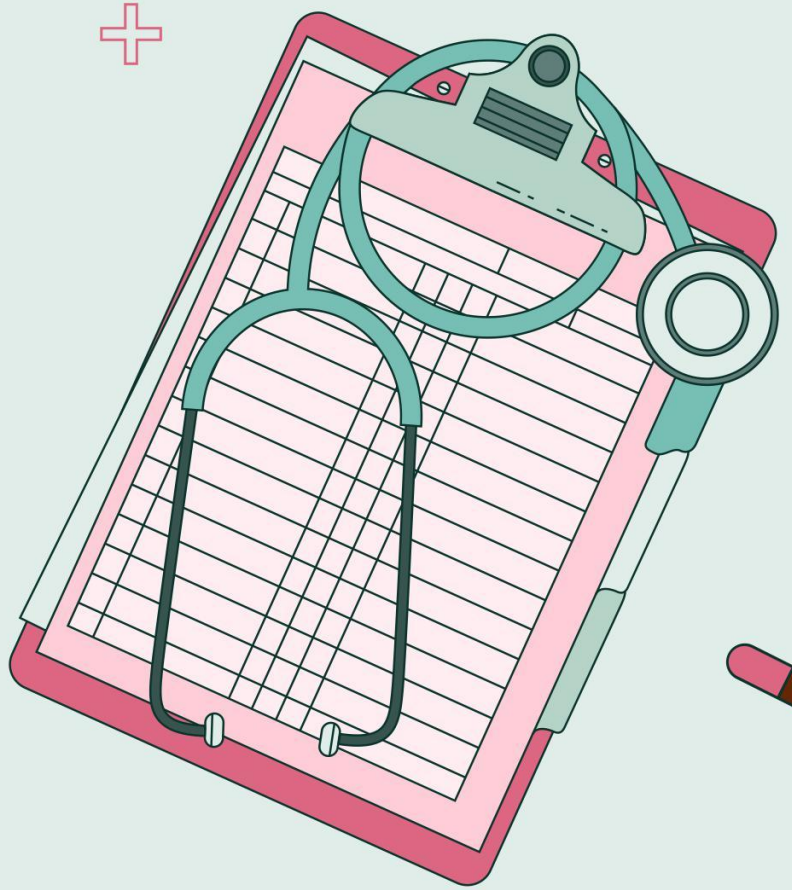
BATCH NO : B5-5M1E

PROJECT : Analytics for Hospitals Health-Care Data

DATE : 13 NOV 2022







ANALYTICS FOR HOSPITAL'S

HEALTH - CARE DATA

PROJECT CONTRIBUTORS

SWARNALATHA S
SARDAR SOGHRA SAMREEN
POOJA K
VINEETA.M.R

TEAM ID-PNT2022TMID01180

My IBM | FINAL REPORT 1 | (43) WhatsApp | IBM | (no subject) - swa | HOSPITAL DATA A

File | C:/Users/WELCOME/Downloads/Medilab/Medilab/index.html

Gmail | Whatsapp | Git | https://careereduca... | TALENT | https://pblchat.sma... | SCHEDULE | TEMPLATE | PROJ WORK | https://journals.plo...

contact@h1.com +91 6876543710

HOSPITAL DATA ANALYTICS

HOME DASHBOARD REPORT STORY TEAM Explore Now

ANALYZE YOUR DATA

We are team of talented analyst to understand the Hospital's Health care data

GET STARTED

Type here to search | File Expl... | New - W... | HOSPITA... | index.ht... | 26°C | 07:11 PM 13-Nov-22

HOSPITAL DATA ANALYTICS

Problem Statement

Patient length of stay is one critical parameter to observe and predict if one wants to improve the efficiency of the healthcare management in a hospital. The parameters helps hospitals to identify patients of high LOS-risk (patients who will stay longer) at the time of admission. Once identified, patients with high LOS risk can have their treatment plan optimized to minimize LOS and lower the chance of staff/visitor infection. .

Learn More ›

GOAL

The goal is to accurately predict the Length of Stay for each patient on case by case basis The length of stay is divided into 11 different classes ranging from 0-10 days to more than 100 days.

SKILLS REQUIRED

Exploratory Data Analysis,IBM Cloud

ACTIVITIES

1.IBM Cloud Account
2.Login to Cognos Analytics
3.Working with the Dataset
4.Understanding the Dataset
5.Create multiple analytical Visualizations.
6.Using the Analytical Visualizations, build the required Dashboard,Report, Story.

My IBM | FINAL REPORT 1 | (42) WhatsApp | IBM | (no subject) - swa | HOSPITAL DATA A

File | C:/Users/WELCOME/Downloads/Medilab/Medilab/index.html

Gmail | Whatsapp | Git | https://careereduca... | TALENT | https://pblchat.sma... | SCHEDULE | TEMPLATE | PROJ WORK | https://journals.plo...

HOSPITAL DATA ANALYTICS

HOME | DASHBOARD | REPORT | STORY | TEAM | Explore Now

HOSPITAL DASHBOARD

Severity Of Illness

Severity Of Illness
Extreme
Minor
Moderate

Department 5

Ward Type 5 (Ward Type)

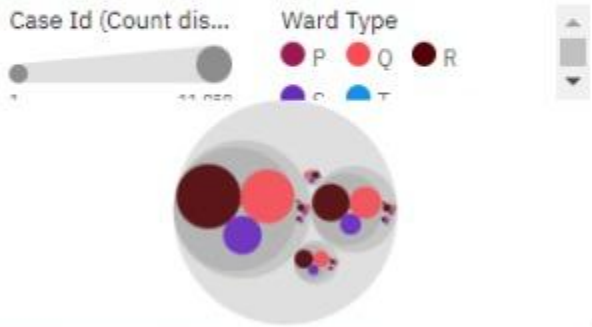
Type Of Admission 3

Severity Of Illness 1

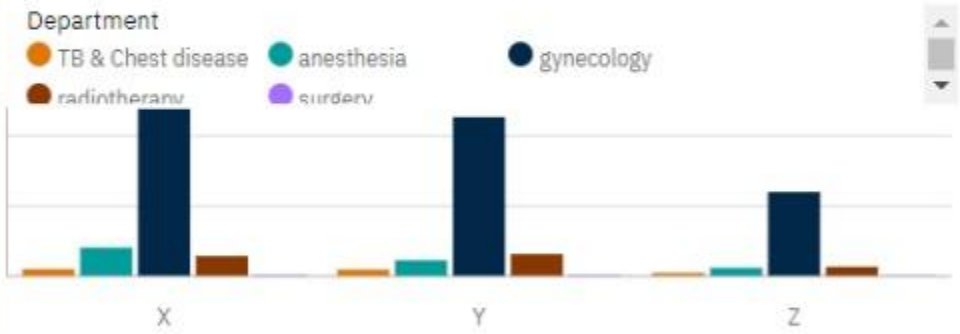
Department

Department
TB & Chest disease
anesthesia
gynecology
radiotherapy

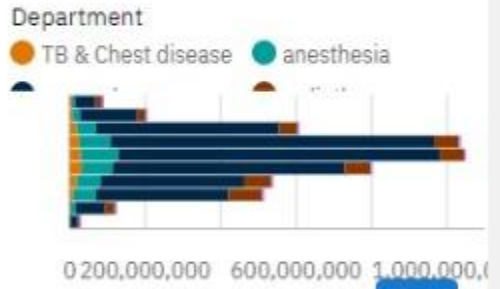
Bed Grade, Department and Ward Type hierarchy colored by Ward Type and sized by Case Id



Length of Stay by Hospital Region Code colored by Department



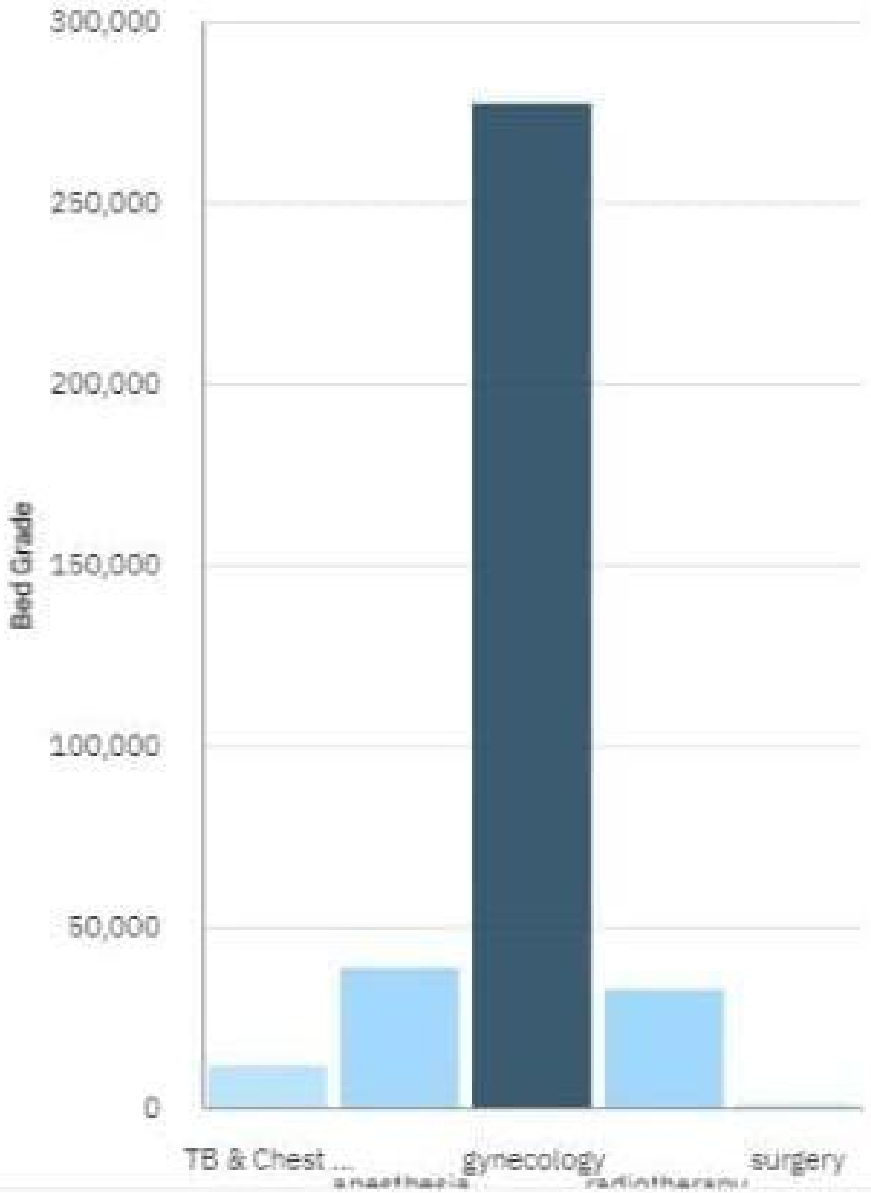
Patientid by Age colored by Department



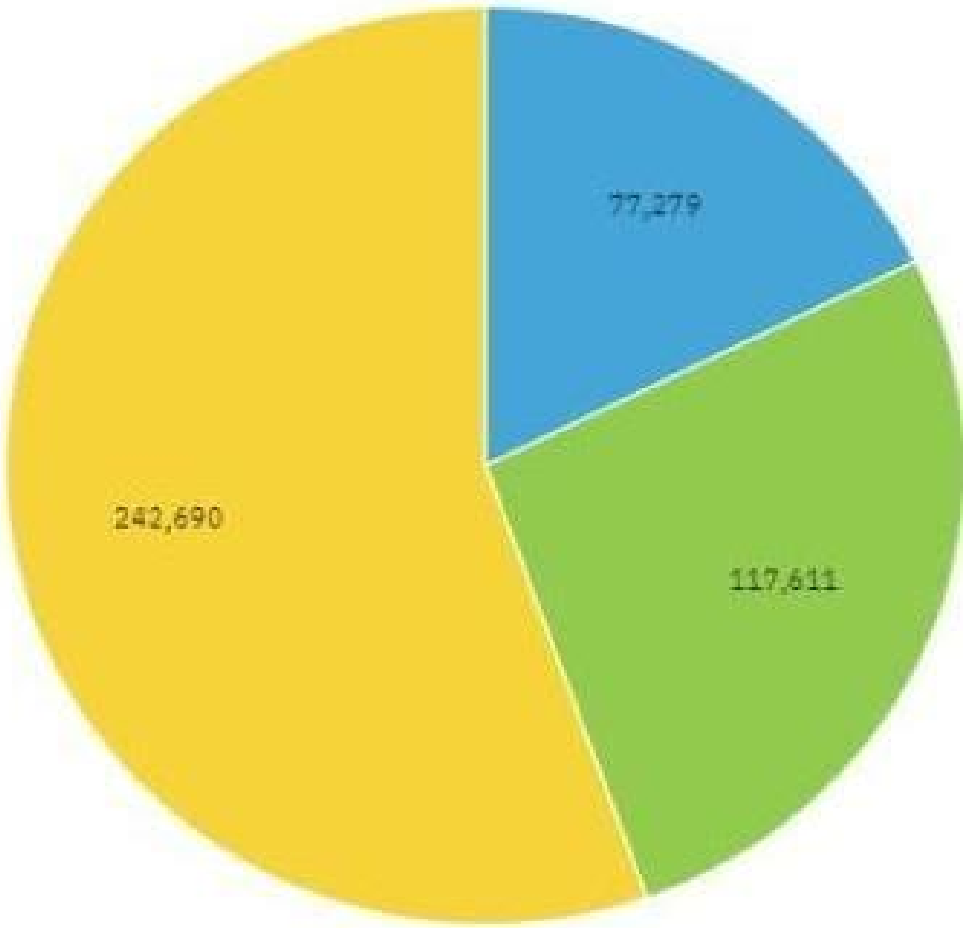
Type Of Admission by Severity Of

Type here to search | File Expl... | New - W... | HOSPITA... | index.ht... | 26°C | 07:16 PM 13-Nov-22

BED GRADE ON DEPARTMENT BASED ON AVAILABILITY OF EXTRA ROOMS



BED GRADE BASED ON SEVERITY OF ILLNESS



My IBM | FINAL REPORT 1 | (42) WhatsApp | IBM | (no subject) - swa | HOSPITAL DATA A

File | C:/Users/WELCOME/Downloads/Medilab/Medilab/index.html

Gmail | Whatsapp | Git | https://careereduca... | TALENT | https://pblchat.sma... | SCHEDULE | TEMPLATE | PROJ WORK | https://journals.plo...

HOSPITAL DATA ANALYTICS

HOME | DASHBOARD | REPORT | STORY | TEAM | Explore Now

ANALYTICS FOR HOSPITAL HEALTH'S CARE DATA

Type here to search | File Expl... | New - W... | HOSPITA... | index.ht... | 26°C | 07:17 PM 13-Nov-22

My IBM | Home | FINAL REPORT | (43) WhatsApp | IBM | (no subject) | HOSPITAL DA

File | C:/Users/WELCOME/Downloads/Medilab/Medilab/index.html

Gmail | Whatsapp | Git | https://careereduca... | TALENT | https://pblchat.sma... | SCHEDULE | TEMPLATE | PROJ WORK | https://journals.plo...

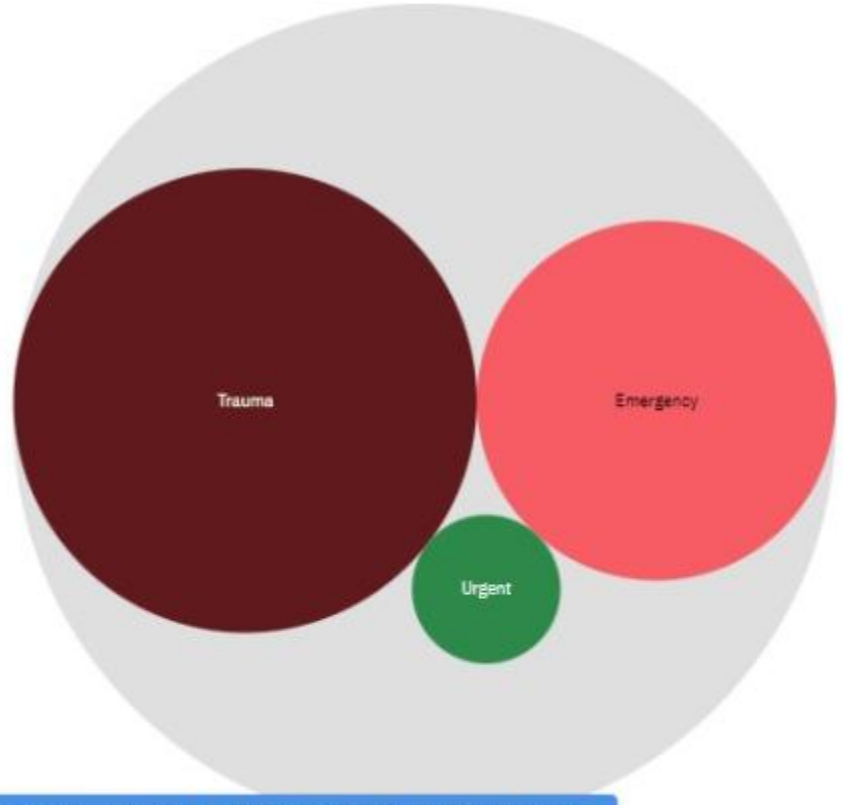
HOSPITAL DATA ANALYTICS

HOME | DASHBOARD | REPORT | STORY | TEAM | Explore Now

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

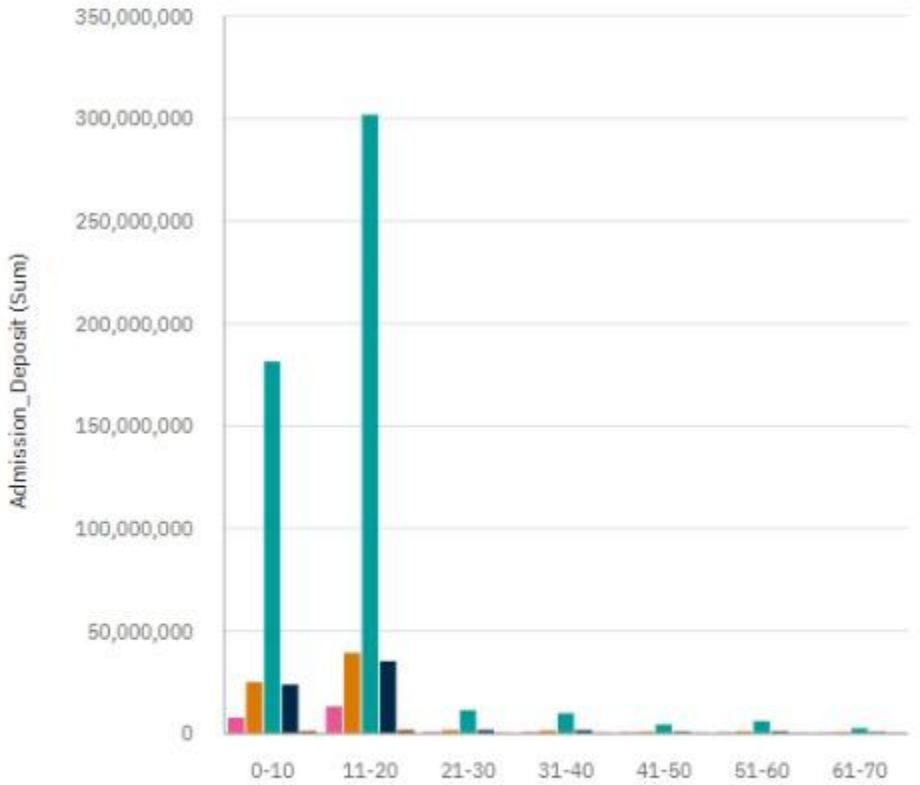
Number of patient...
20,959 65,411

Type Of Admission
Emergency Trauma Urgent



Admission_Deposit by Stay colored by Department

Department
TB & Chest disease anesthesia gynecology radiotherapy surgery



file:///C:/Users/WELCOME/Downloads/Medilab/Medilab/index.html#appoi...

Type here to search | File Expl... | New - W... | HOSPITA... | index.ht... | 26°C | 07:22 PM 13-Nov-22

HOSPITAL DATA ANALYTICS

HOSPITAL HEALTH CARE

Data analytics in the healthcare industry represents the automation of collection, processing, and analysis the complex healthcare data, to gain better insights and enable healthcare practitioners to make well-informed decisions

Data Collection
Visualizations
Dashboard
Report
Story

Data Collection

The impact COVID-19 has had on the health care industry is evident to anyone and everyone.With digital data collection, there is more and more health care data to be analyzed every second.

Collecting healthcare data is the systematic collection, analysis, and interpretation of health information. Data is essential for action planning, implementation, and evaluation of public health practice. Data is beneficial for doctors or analysts who study statistics or attempt to discover more effective treatments.

HOSPITAL DATA ANALYTICS

TEAM

SWARNALATHA S

TEAM LEAD

SADAR SOGHRA SAMREEN

TEAM MEMBER 1

HOSPITAL DATA ANALYTICS

POOJA K

TEAM MEMBER 2

VINEETA M.R

TEAM MEMBER 3

Type here to search | File Expl... | New - W... | HOSPITA... | index.ht... | 26°C | 07:24 PM 13-Nov-22

HOSPITAL DATA ANALYTICS

Data Analytics

Phone: +1 5589 55488 55
Email: info@example.com

Useful Links

- Home
- Dashboard
- Report
- Story
- Team

© Copyright **Hospital's Health Care Data**. All Rights Reserved
Designed by SWARNALATHA S