

ANALYTICS FOR HOSPITAL'S HEALTH-CARE DATA PROJECT DEVELOPMENT PHASE



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**PROJECT DEVELOPMENT PHASE
DELIVERY OF SPRINT-3**

Team ID	PNT2022TMID48593
Project Name	Analytics for Hospitals' Health-Care Data

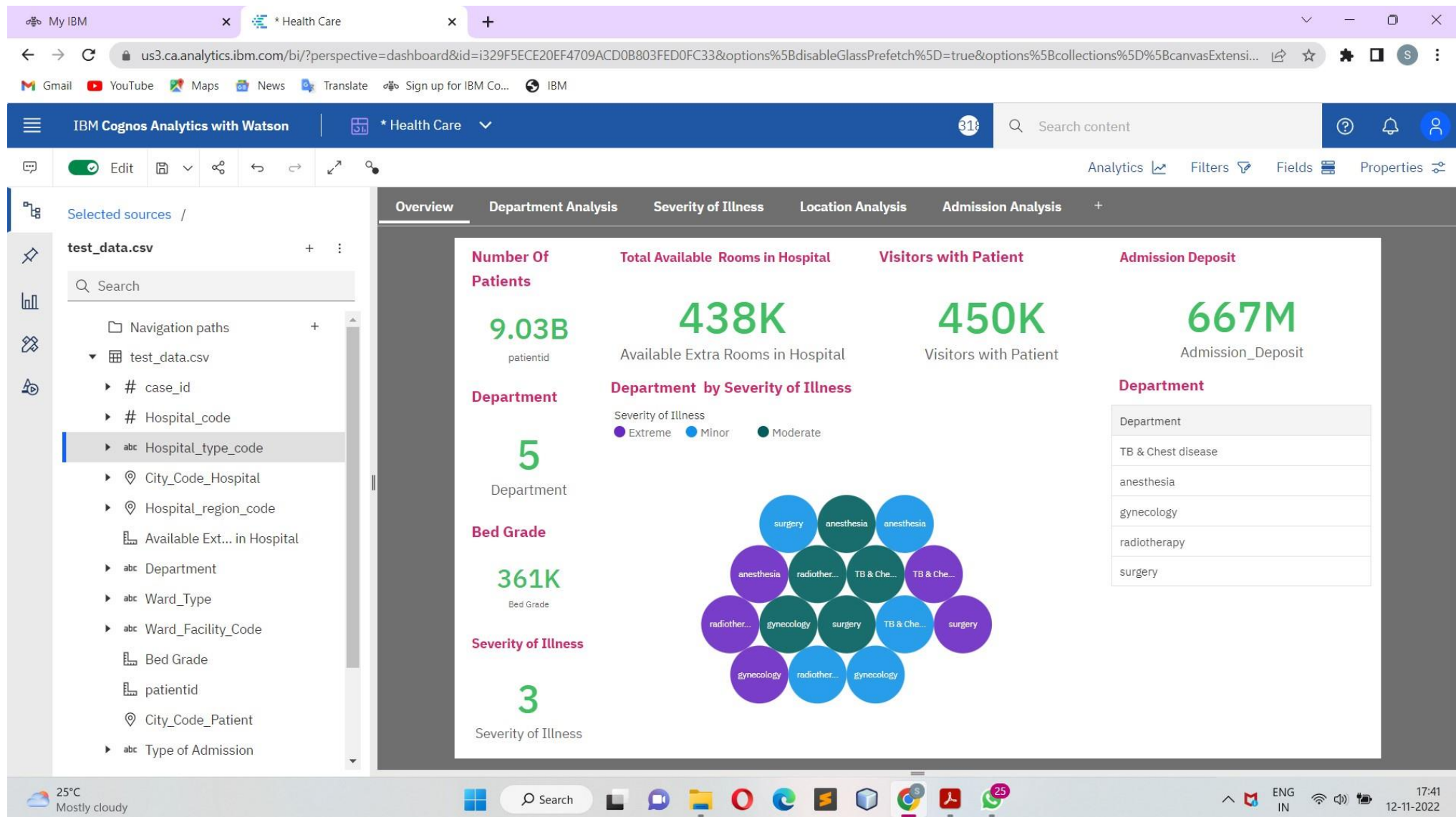
PROJECT DEVELOPMENT PHASE

<div><div>Sprint-1:<ul style="list-style-type: none">○ Data Collection○ Data Preparation</div><div>Sprint-2:<ul style="list-style-type: none">○ Data Exploration</div></div>	<div><div><u>Sprint-3:</u><ul style="list-style-type: none">○ Dashboard Creation</div><div><u>Sprint-4:</u><ul style="list-style-type: none">○ Report Creation○ Story Creation</div></div>
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DASHBOARD CREATION

○ OVERVIEW
○ DEPARTMENT ANALYSIS
○ SEVERITY OF ILLNESS
○ LOCATION ANALYSIS
○ ADMISSION ANALYSIS

OVERVIEW



DEPARTMENT ANALYSIS

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us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i329F5ECE20EF4709ACD0B803FED0FC33&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtensi...

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IBM Cognos Analytics with Watson

* Health Care

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case_id

Hospital_code

abc Hospital_type_code

City_Code_Hospital

Hospital_region_code

Available Ext... in Hospital

abc Department

abc Ward_Type

abc Ward_Facility_Code

Bed Grade

patientid

City_Code_Patient

abc Type of Admission

Overview

Department Analysis

Severity of Illness

Location Analysis

Admission Analysis

+

patientid by Department

Department	Value
TB & Chest disease	8,000,000,000
anesthesia	~2,000,000,000
gynecology	~1,000,000,000
surgery	~1,000,000,000
radiotherapy	~1,000,000,000

Available Extra Rooms in Department by Type of Admission

Department	Emergency	Trauma	Urgent
TB & Chest disease	~10,000	~10,000	~10,000
anesthesia	~10,000	~10,000	~10,000
gynecology	~3,000,000	~2,000,000	~1,000,000
radiotherapy	~10,000	~10,000	~10,000
surgery	~10,000	~10,000	~10,000

Bed Grade by Department

Department	Bed Grade (Sum)
TB & Chest disease	~10,000
anesthesia	~40,000
gynecology	~200,000
radiotherapy	~40,000
surgery	~10,000

Department by Ward_Type

Ward_Type	Count
U	5
T	5
S	5
R	5
Q	5
P	5

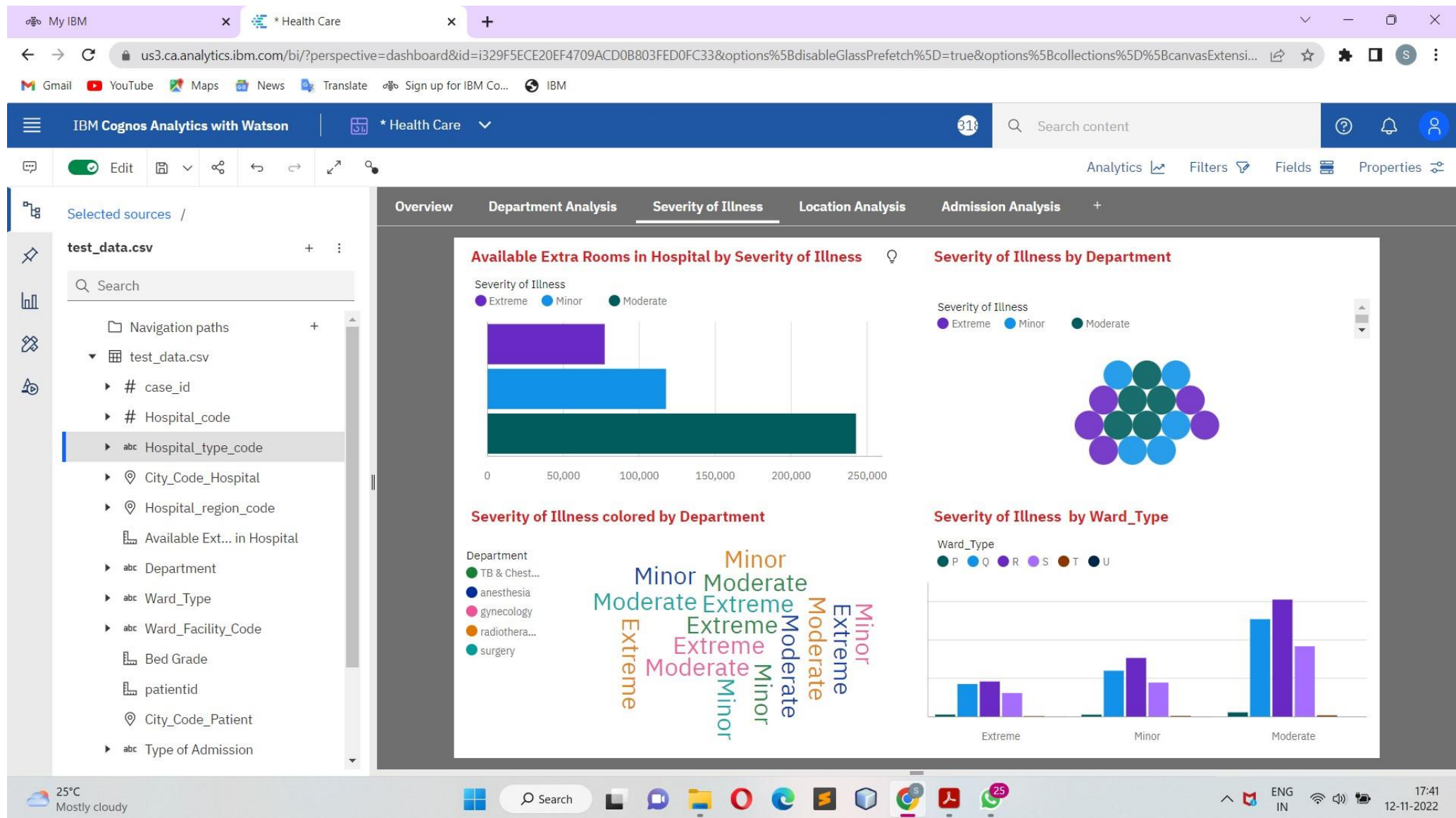
25°C Mostly cloudy

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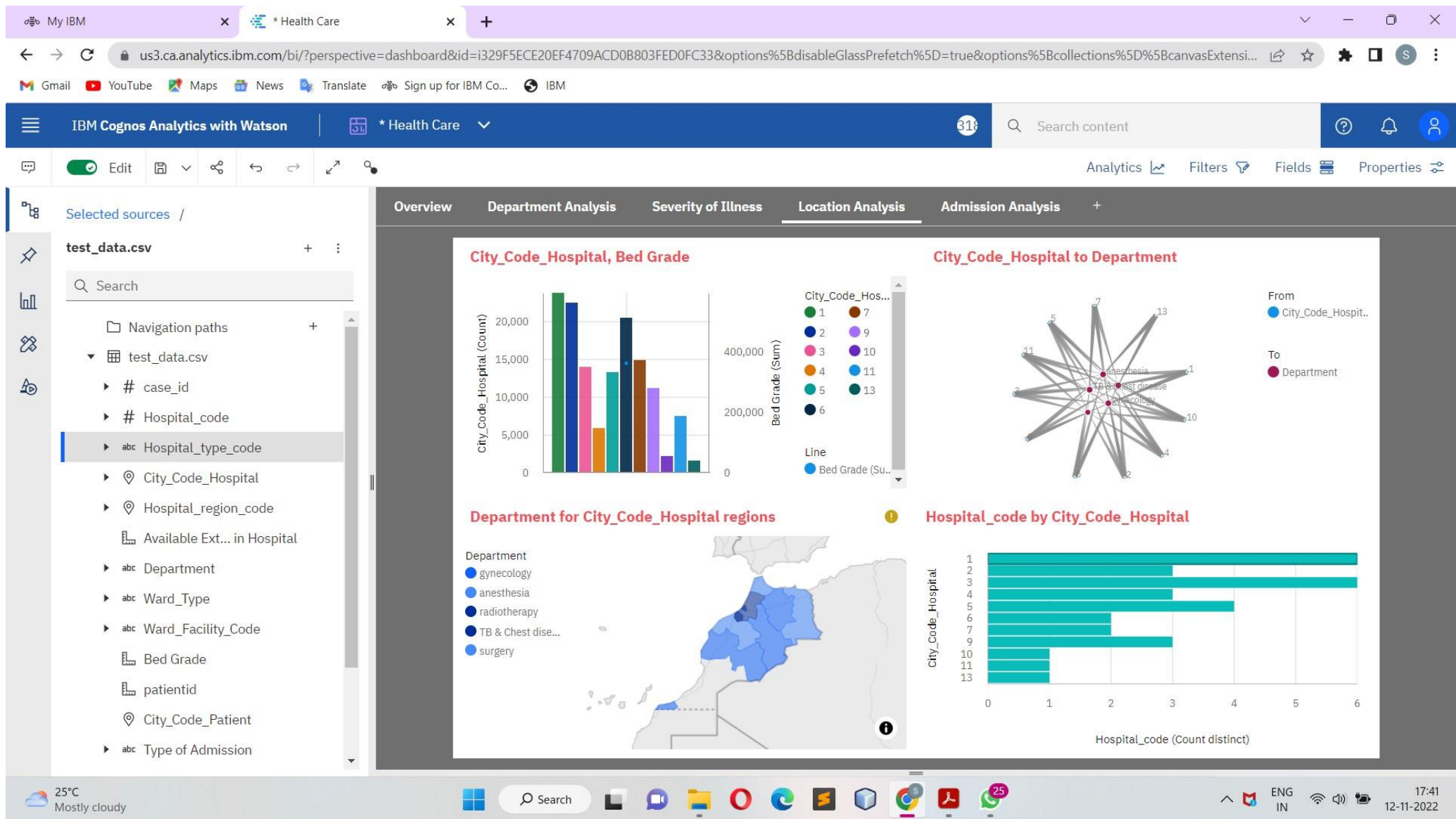
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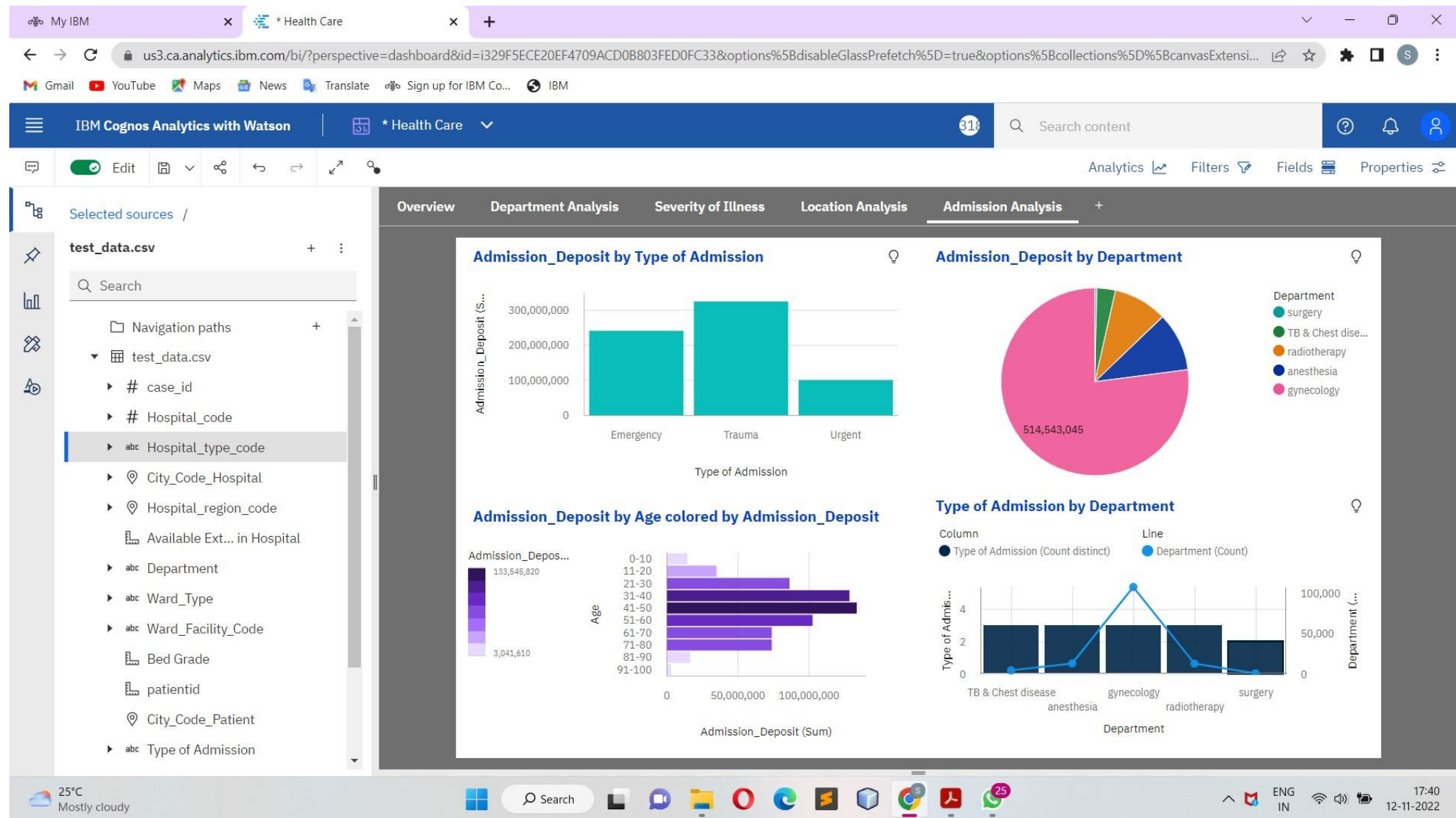
SEVERITY OF ILLNESS



LOCATION ANALYSIS



ADMISSION ANALYSIS



PREPARED LINK

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FSprint%2B3%2FHealth%2BCare&action=view&mode=dashboard&subView=model000001846b2a7016_00000002

