Title: Power BI Healthcare Project for Patient Admission Data Dashboard

Description:

This project showcases a Power BI dashboard designed for managing patient admission data within a healthcare environment.

The dashboard provides real-time insights into various aspects of patient admissions, including admission dates, discharge dates, emergency admissions, duration of stay, gender distribution, and doctor's notes.

Key Features:

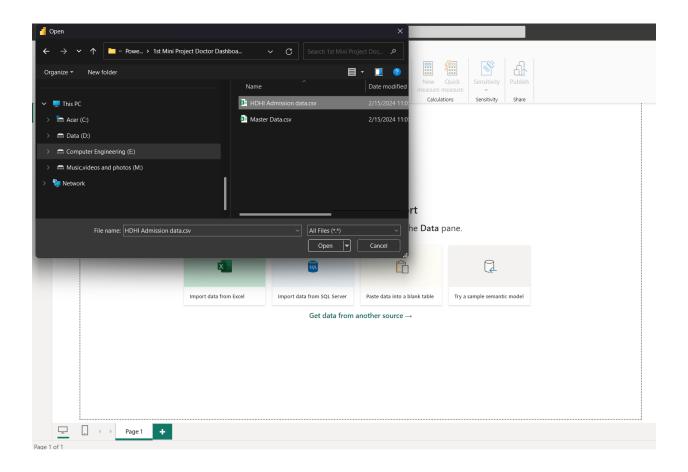
- Integration of multiple data sources, including electronic health records and admission databases.
- Data preparation and modeling within Power BI, enabling efficient querying and visualization.
- Customized dashboard design with interactive visualizations such as tables, charts, and graphs.
- Real-time updates to reflect changes in patient admission data as they occur.
- Incorporation of additional details such as patient names and doctor's notes for comprehensive analysis.
- Testing, validation, and deployment to ensure accuracy, functionality, and user-friendliness within the healthcare environment.

This project demonstrates proficiency in data analytics, visualization, and dashboard development using Power BI, along with an understanding of healthcare data management principles.

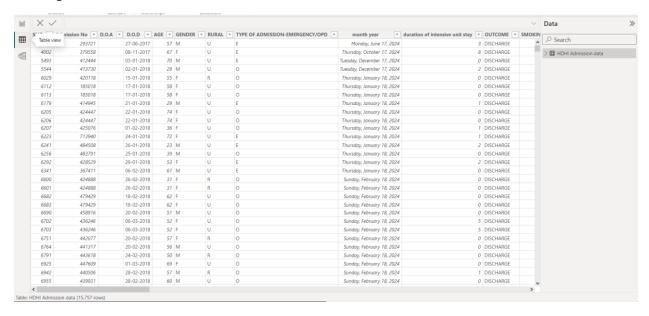
Start with Project

I will walk you through the project

Selecting the dataset



Viewing the data



Creating relationship between 2 data set

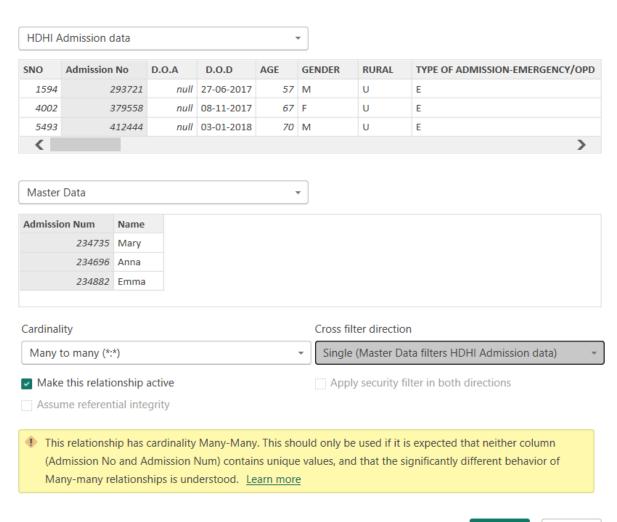
Here we create relationship via admission number in admission dataset & MRD number in master dataset

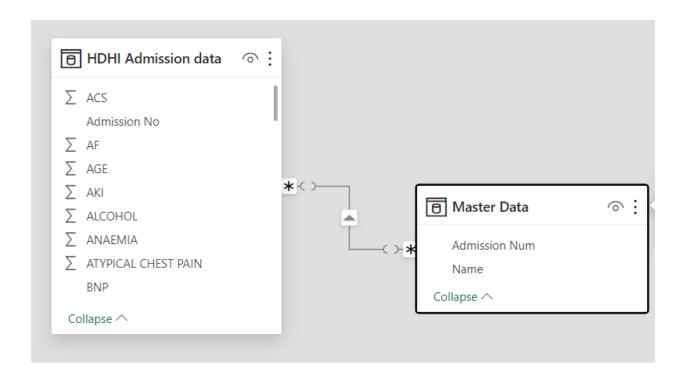
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Cancel

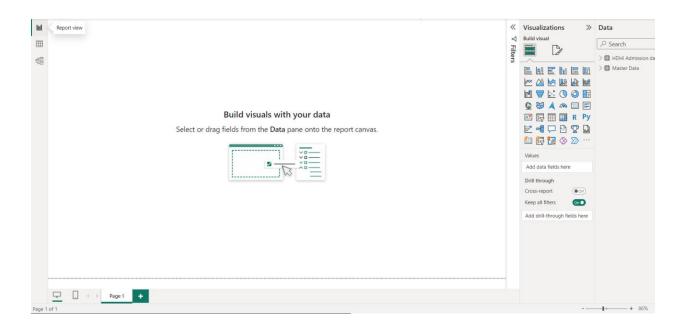
Create relationship

Select tables and columns that are related.

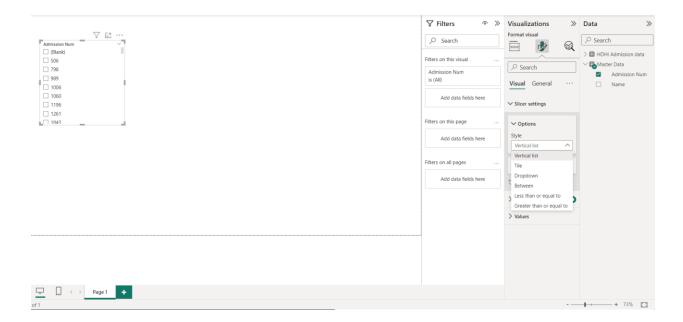




Creating Report View for doctor's Dashboard:



Adding Slicer for vertical listing of MRD Number(Admission Number)



Creating new column to smoking

	RGENCY/OPD -	month year	duration of intensive unit stay	OUTCOME -	SMOKING -	ALCOHOL	-
		Monday, June 17, 2024	3	DISCHARGE	0		(
		Thursday, October 17, 2024	8	DISCHARGE	0		(
		Tuesday, December 17, 2024	0	DISCHARGE	0		
		Tuesday, December 17, 2024	2	DISCHARGE	0		
		Thursday, January 18, 2024	0	DISCHARGE	0		
		Thursday, January 18, 2024	0	DISCHARGE	0		
		Thursday, January 18, 2024	0	DISCHARGE	0		
		Thursday, January 18, 2024	1	DISCHARGE	0		
		Thursday, January 18, 2024	0	DISCHARGE	0		
		Thursday, January 18, 2024	0	DISCHARGE	0		
		Thursday, January 18, 2024	1	DISCHARGE	0		
		Thursday, January 18, 2024	1	DISCHARGE	0		
		Thursday, January 18, 2024	2	DISCHARGE	0		
		Thursday, January 18, 2024	0	DISCHARGE	0		
		Thursday, January 18, 2024	2	DISCHARGE	0		
		Thursday, January 18, 2024	0	DISCHARGE	0		
		Sunday, February 18, 2024	0	DISCHARGE	0		
		Sunday, February 18, 2024	0	DISCHARGE	0		
		Sunday, February 18, 2024	0	DISCHARGE	0		
		Sunday, February 18, 2024	0	DISCHARGE	0		
		Sunday, February 18, 2024	0	DISCHARGE	0		
		Sunday, February 18, 2024	5	DISCHARGE	0		
		Sunday, February 18, 2024	5	DISCHARGE	0		
		Sunday, February 18, 2024	0	DISCHARGE	0		
		Sunday, February 18, 2024	0	DISCHARGE	0		
		Sunday, February 18, 2024	0	DISCHARGE	0		
		Sunday, February 18, 2024	0	DISCHARGE	0		
		Sunday, February 18, 2024	1	DISCHARGE	0		
		Sunday, February 18, 2024	0	DISCHARGE	0		

Adding various columns, table, I created simple useful summary dashboard from large data, which can be useful to doctors'

Admission Num ● 506 ─ 798 ─ 989 ─ 1006 ─ 1060 ─ 1196		General Details							
		Delbert Patient Name O duration of inten	50 AGE	M GENDER N ALCHOLIC		10-03-2019 D.O.D N SMOKER			
○ 1261 ○ 1843 ○ 3180		O Sum of CVA B	0 Sum of HFNEF	13.10 Sum of HB	Report 1 Sum of HTN	O Sum of INFEC	288 PLAT		

506 Admission No

DISCHARGE

OUTCOME

288

Doctors Note

PLATELETS

Patient's condition is stable. Follow up as Advised.