

30/09/25

* When multiple tables are having same columns then we need combine all the tables.

* To combine one or more tables we need to make sure that they have same column names, same columns

* We have two patient data, impatient and outpatient for 4 years in 4 tables.

* First go to powerBI take a new file and the data into powerBI.

Loading & Data cleaning:-

1. Unzip the Healthcare data folder.
Extract all
2. Take a new file in powerBI choose folder in get data option.
3. We need to specify the folder path, we can either copy, paste the path or browse the file location.
4. It is recommended to browse the file location and choose the impatient data folder.

first and the dialog box with sample data appears.

5. Click on OK and use Combine and load option to combine all 4 years file into one file.
6. Now repeat the same steps to load outpatient data also.
7. Check for the repeated values in the column and change them to avoid repetition.
8. As Inpatient table & outpatient have same columns we need to merge / combine them.
9. Select Transform data and the data opens in power query. Here change the column name speciality to speciality-name in outpatient.
10. Delete Extra Column (Empty) in inpatient table.
11. In outpatient table the casetype is missing we need to create it.
12. Go to custom column and given column

name as Case type. and give "outpatient" in Custom Column text.

13. Now Combine tables first impatient and and Second outpatient, name the table as all data.

14. close and apply to powerBI desktop.

15. Hide impatient and outpatient tables in report view.

16. The Data is cleaned, Combined, and ready to be interpreted.

Dashboard Design Creation:-

1. Current Patient waiting list.

→ We need to create the total waiting list of patients in the latest month and previous month.

→ For this we need to create a measure.

Current month wait list = $\text{CALCULATE}(\text{SUM}(\text{TOTAL}), \text{ALL}(\text{DATA}[\text{Attribute Date}]) = \text{MAX}(\text{ALL}(\text{DATA}[\text{Attribute Date}]))$

→ Take a card and pass the value to display it in the report view.