

# Healthcare Data Analysis

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## Problem Statement

Health is real wealth in the pandemic time we all realized the brute effects of covid-19 on all irrespective of any status. You are required to analyze this health and medical data for better future preparation.

Find key metrics and factors and show the meaningful relationships between attributes.

Do your own research and come up with your findings.

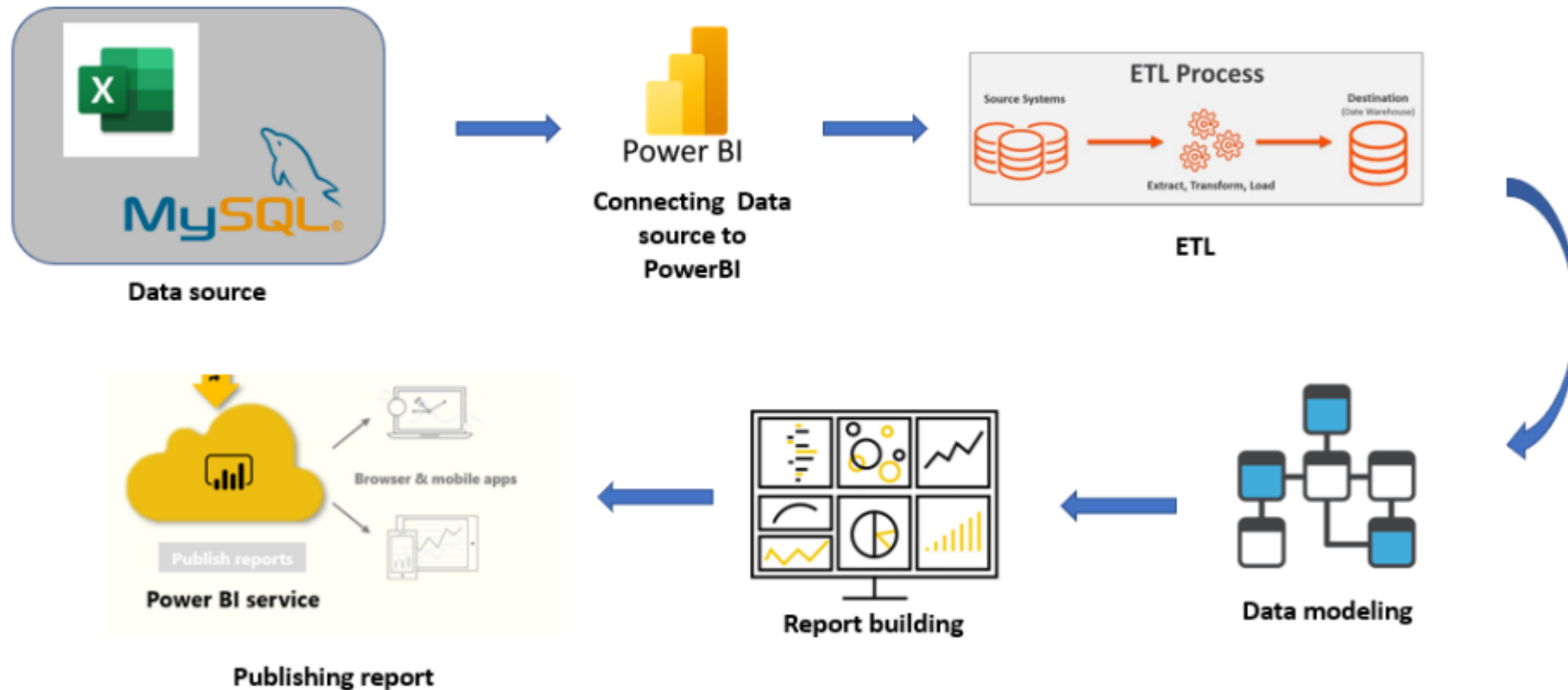
## Objective

The Goal of this project is to develop a Power BI Dashboard, which can be used to analyze performance of Healthcare Providers.

## Benefits

- Payments received by providers spread across 51 states
- Diagnosis by various providers and payments dependent on it
- Different KPIs will indicate Business performance on various aspects

# PowerBI Architecture



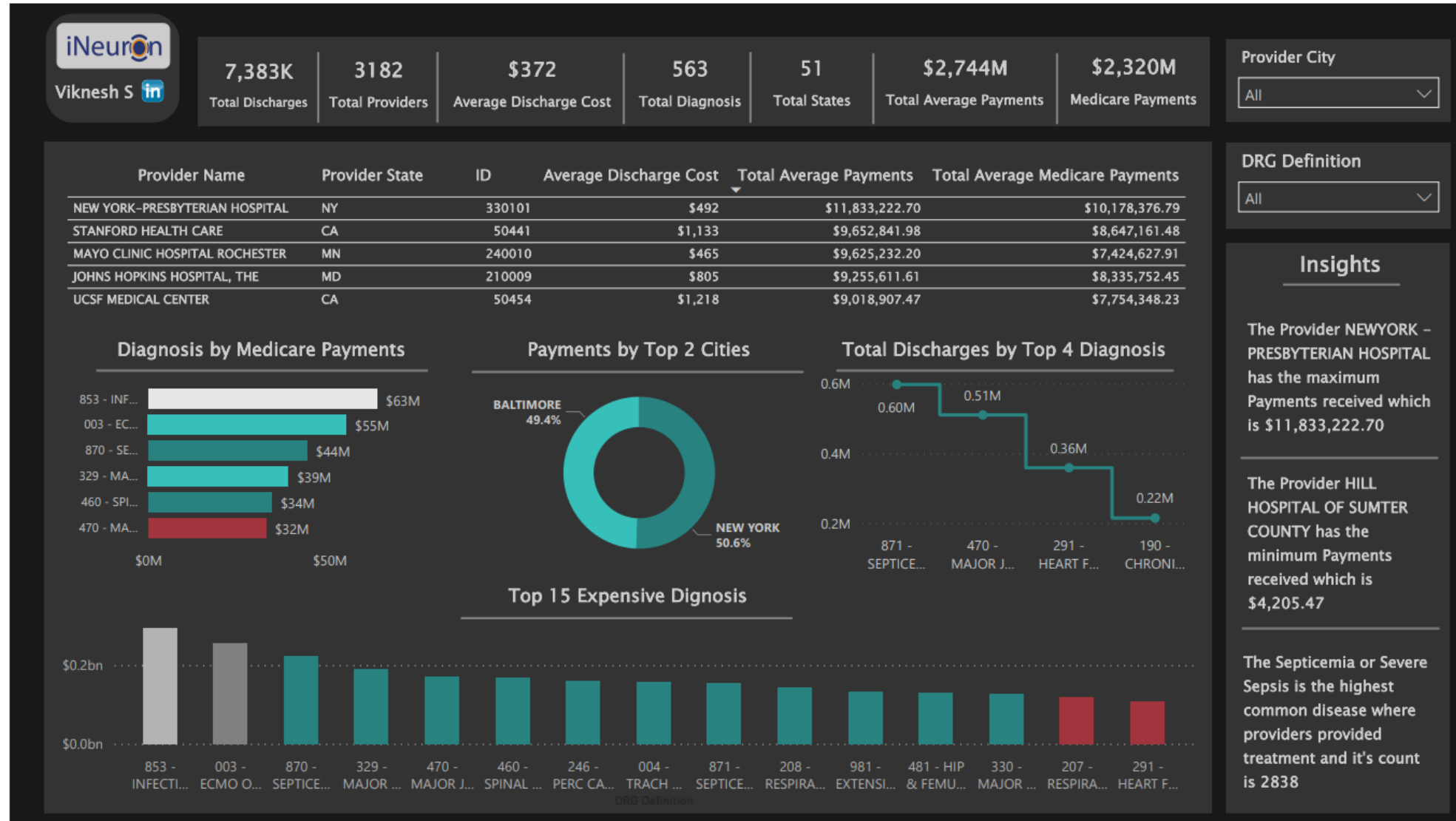
Overall architecture of the project, which was used to build the dashboard

# Dataset Information

## Provided Dataset:

1. Medicare Inpatients: It consists of list of 989 Diagnosis name with Providers ID, Medicare, Covered and total Payments
2. Providers: It consists of details about the 3181 hospitals/Providers with their region, city, state and Hospital Referral Region

# Healthcare Data Analysis Page



## Insights

1. The Provider NEWYORK - PRESBYTERIAN HOSPITAL has the maximum Payments received which is \$11,833,222.70
2. The Provider HILL HOSPITAL OF SUMTER COUNTY has the minimum Payments received which is \$4,205.47
3. The Septicemia or Severe Sepsis is the highest common disease where providers provided treatment and it's count is 2838

**THANK YOU**

**Viknesh S**