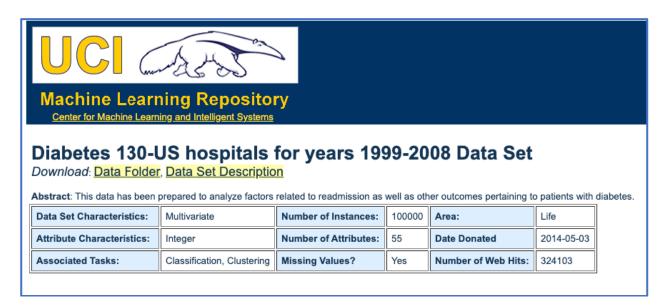
Anjal Hussan

## **Data Source**

The UCI datasets have one data set of Diabetes 130-US Hospitals for years 1999-2008. The Data Set contains 100000 instances of data, with 55 attributes. The dataset represents clinical data gathered from 130 US hospitals between 1999-2008.



## URL:

http://archive.ics.uci.edu/ml/datasets/diabetes+130-us+hospitals+for+years+1999-2008

## **Problem:**

Using the dataset, create an interactive site with a dashboard. Analyze patient population, past history and medication and predict the likelihood of the patient's readmission to the hospital again soon.

## Plan to solve the problem:

- Create an Dash app to create interactive visualizations of our dataset
- Ability to choose patient demographics (age, sex, etc.) in the app
- Medication history and how medications impact a patient being readmitted to the hospital
- Pull same type of patient's medical history