DIABETES

The dataset consists of 101767 rows and 50 columns. There are different types of attributes in columns

1. Encounter\_id:- Used to identify a specific visit or encounter .
2. Patient\_id :- is given to the patient who has admitted for diabetes.
3. Race:- To which race does he belong Caucasian, Other, African-American, Hispanic, Asian.
4. Gender:- To which gender the diabetic patient belongs to.
5. Age:- Age of the patient
6. Weight:- Weight of the patient.
7. Admission\_type\_id:- Types of Admission/visit required on inpatient bills.
8. Discharge\_disposition\_id: The patient is being discharged from which Type.
9. Time\_in\_hospital:- How much time the patient is in hospital.

10.Payer\_code:- The code which is given on bills for patients.

11. Medical\_speciality:- In which speciality does the patient has been, whether it is Pediatrics-Critical Care, Surgery-Pediatric etc.

12. Num\_lab\_procedures :- Number of lab procedures that need to be followed.

13. Num\_procedures:- The number of informal procedures that need to be followed.

14. Num\_medications:- The number of medicines or a set of medicines or drugs used to improve the illness of a patient.

15. Num\_outpatient:- The number of patients who are out of the hospital.

16. Num\_emergency:- The number of emergency patients who are admitted in the hospital.

17. Num\_inpatient:- The number of patients who are in the hospital.

18. diag\_1:- 1st diagnosis for a diabetic patient .

19. diag\_2:- 2nd diagnosis for a diabetic patient.

20. diag\_3:- 3rd diagnosis for a diabetic patient.

21. number\_diagnosis:- number of diagnosis taken by a patient.

22. max\_glu\_serum:- If the maximum glucose serum is needed for the patient.

23. The following are the terms which are in the reports taken by the doctors for a diabetic patient.

1. Metformin

2. Repaglinide

3. Nateglinide

4. Chlorpropamide

5. Glimepiride

6. Acetohexamide

7. Glipizide

8. Glyburide

9. Tolbutamide

10. Pioglitazone

11. Rosiglitazone

12. Acarbose

13. Miglitol

14. Troglitazone

15. tolazamide

16. examide

17. Citoglipton

18. Insulin

19. Glyburide-metformin

20. Glipizide-metformin

21. Glimepiride-pioglitazone

22. Metformin-rosiglitazone

23. metformin-pioglitazone

24. Change:- If change exists for a patient after the treatment in a hospital.

25. Readmitted:- If the patient readmits in the hospital even after the treatment in the hospital.

26. DiabetesMed:- If the medicines are taken for diabetes in the hospital.