Data dictionary for diabetic\_data\_cleaned.csv

\*Column changes in cleaned data are outlined below below starting from left to right.

* encounter\_id
  + Removed
* Patient\_nbr
  + Removed
* Race
  + 1 = African American
  + 2 = Asian
  + 3 = Caucasian
  + 4 = Hispanic
  + 5 = Other
  + 6 = ?
* Gender
  + 1 = Male
  + 2 = Female
  + 3 = Unknow/Invalid
* Age
  + 5 = 0-10
  + 15 = 10-20
  + 25 = 20-30
  + 35 = 30-40
  + 45 = 40-50
  + 55 = 50-60
  + 65 = 60-70
  + 75 = 70-80
  + 85 = 80-90
  + 95 = 90-100
* Weight
  + Removed
* Admission\_type\_id
  + 1 = Emergency
  + 2 = Urgent
  + 3 = Elective
  + 4 = Newborn
  + 5 = Not Available
  + 6 = NULL
  + 7 = Trauma Center
  + 8 = Not Mapped
* Discharge\_disposition\_id
  + 1 = Discharged to home
  + 2 = Discharged/transferred to another short-term hospital
  + 3 = Discharged/transferred to SNF
  + 4 = Discharged/transferred to ICF
  + 5 = Discharged/transferred to another type of inpatient care institution
  + 6 = Discharged/transferred to home with home health service
  + 7 = Left AMA
  + 8 = Discharged/transferred to home under care of Home IV provider
  + 9 = Admitted as an inpatient to this hospital
  + 10 = Neonate discharged to another hospital for neonatal aftercare
  + 11 = Expired
  + 12 = Still patient or expected to return for outpatient services
  + 13 = Hospice / home
  + 14 = Hospice / medical facility
  + 15 = Discharged/transferred within this institution to Medicare approved swing bed
  + 16 = Discharged/transferred/referred another institution for outpatient services
  + 17 = Discharged/transferred/referred to this institution for outpatient services
  + 18 = NULL
  + 19 = Expired at home. Medicaid only, hospice.
  + 20 = Expired in a medical facility. Medicaid only, hospice.
  + 21 = Expired, place unknown. Medicaid only, hospice.
  + 22 = Discharged/transferred to another rehab fac including rehab units of a hospital
  + 23 = Discharged/transferred to another rehab fac including rehab units of a hospital
  + 24 = Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare.
  + 25 = Not Mapped
  + 26 = Unknown/Invalid
  + 27 = Discharged/transferred to a federal health care facility.
  + 28 = Discharged/transferred/referred to a psychiatric hospital of psychiatric distinct part unit of a hospital
  + 29 = Discharged/transferred to a Critical Access Hospital (CAH).
  + 30 = Discharged/transferred to another Type of Health Care Institution Not Defined Elsewhere
* Admission\_source\_id
  + 1 = Physician Referral
  + 2 = Clinic Referral
  + 3 = HMO Referral
  + 4 = Transfer from a hospital
  + 5 = Transfer from a Skilled Nursing Facility (SNF)
  + 6 = Transfer from another health care facility
  + 7 = Emergency Room
  + 8 = Court/Law Enforcement
  + 9 = Not Available
  + 10 = Transfer from critical access hospital
  + 11 = Normal Delivery
  + 12 = Premature Delivery
  + 13 = Sick Baby
  + 14 = Extramural Birth
  + 15 = Not Available
  + 17 = NULL
  + 18 = Transfer from Another Home Health Agency
  + 19 = Readmission to Same Home Health Agency
  + 20 = Not Mapped
  + 21 = Unknown/Invalid
  + 22 = Transfer from hospital inpt/same fac reslt in a sep claim
  + 23 = Born inside this hospital
  + 24 = Born outside this hospital
  + 25 = Transfer from Ambulatory Surgery Center
  + 26 = Transfer from Hospice
* Time\_in\_hospital (unknown, but assumed in days)
  + Total
* Payer\_code
  + Removed
* Medical\_specialty
  + 1 = Pediatrics-Endocrinology
  + 2 = InternalMedicine
  + 3 = Family/GeneralPractice
  + 4 = Cardiology
  + 5 = Surgery-General
  + 6 = Orthopedics
  + 7 = Gastroenterology
  + 8 = Surgery-Cardiovascular/Thoracic
  + 9 = Nephrology
  + 10 = Orthopedics-Reconstructive
  + 11 = Psychiatry
  + 12 = Emergency/Trauma
  + 13 = Pulmonology
  + 14 = Surgery-Neuro
  + 15 = Obsterics&Gynecology-GynecologicOnco
  + 16 = ObstetricsandGynecology
  + 17 = Pediatrics
  + 18 = Hematology/Oncology
  + 19 = Otolaryngology
  + 20 = Surgery-Colon&Rectal
  + 21 = Pediatrics-CriticalCare
  + 22 = Endocrinology
  + 23 = Urology
  + 24 = Psychiatry-Child/Adolescent
  + 25 = Pediatrics-Pulmonology
  + 26 = Neurology
  + 27 = Anesthesiology-Pediatric
  + 28 = Radiology
  + 29 = Pediatrics-Hematology-Oncology
  + 30 = Psychology
  + 31 = Podiatry
  + 32 = Gynecology
  + 33 = Oncology
  + 34 = Pediatrics-Neurology
  + 35 = Surgery-Plastic
  + 36 = Surgery-Thoracic
  + 37 = Surgery-PlasticwithinHeadandNeck
  + 38 = Ophthalmology
  + 39 = Surgery-Pediatric
  + 40 Pediatrics-EmergencyMedicine
  + 41 = Rheumatology
  + 42 = AllergyandImmunology
  + 43 = Surgery-Maxillofacial
  + 44 = Pediatrics-InfectiousDiseases
  + 45 = Pediatrics-AllergyandImmunology
  + 46 = Dentistry
  + 47 = Surgeon
  + 48 = Surgery-Vascular
  + 49 = Osteopath
  + 50 = Psychiatry-Addictive
  + 51 = Surgery-Cardiovascular
  + 52 = PhysicianNotFound
  + 53 = Hematology
  + 54 = Proctology
  + 55 =Obstetrics
  + 56 = SurgicalSpecialty
  + 57 = Radiologist
  + 58 = Pathology
  + 59 = Dermatology
  + 60 = SportsMedicine
  + 61 = Speech
  + 62 = Hospitalist
  + 63 = OutreachServices
  + 64 = Cardiology-Pediatric
  + 65 = Perinatology
  + 66 = Neurophysiology
  + 67 = Endocrinology-Metabolism
  + 68 = DCPTEAM
  + 69 = Resident
  + 70 = ?
* Num\_lab\_procedures
  + Total
* Num\_procedures
  + Total
* Num\_medications
  + Total
* Number\_outpatient
  + Total
* Number\_emergency
  + Total
* Number\_inpatient
  + Total
* Diag\_1-3
  + Codes unavailable
* Number\_diagnoses
  + Total
* Max\_glu\_serum
  + 1 = None
  + 2 = Norm
  + 3 = (>200)
  + 4 = (>300)
* A1cresult
  + 1 = None
  + 2 = Norm
  + 3 = (>7)
  + 4 = (>8)
* Metformin
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Repaglinide
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Nateglinide
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Chlorpropamide
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Glimepiride
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Acetohexamide
  + 1 = No
  + 2 = Steady
* Glipizide
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Glyburide
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Tolbutamide
  + 1 = No
  + 2 = Steady
* Pioglitazone
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Rosiglitazone
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Acarbose
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Miglitol
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Troglitazone
  + 1 = No
  + 2 = Steady
* Tolazamide
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Examide
  + 1 = No
* Citoglipton
  + 1 = No
* Insulin
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Glyburide-metformin
  + 1 = No
  + 2 = Steady
  + 3 = Up
  + 4 = Down
* Glipizide-metformin
  + 1 = No
  + 2 = Steady
* Glimpiride-pioglitazone
  + 1 = No
  + 2 = Steady
* Metformin-pioglitazone
  + 1 = No
  + 2 = Steady
* Change
  + 1 = No
  + 2 = Ch
* DiabetesMed
  + 1 = No
  + 2 = Yes
* Readmitted
  + 1 = No
  + 2 = (<30)
  + 3 = (>30)