Metadata del Archivo `diabetes`

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The metadata from the uploaded file (diabetes-data-set-metadata.json) is as follows:

### **Dataset Overview**

* **Dataset Name:** Diabetes Dataset
* **Source:** National Institute of Diabetes and Digestive and Kidney Diseases
* **Objective:** Predict diabetes based on diagnostic measurements.
* **Population:** Female patients aged 21 years or older of Pima Indian heritage.

### **Attributes in the Dataset**

1. **Pregnancies:** Number of times pregnant
2. **Glucose:** Plasma glucose concentration after 2 hours in an oral glucose tolerance test
3. **BloodPressure:** Diastolic blood pressure (mm Hg)
4. **SkinThickness:** Triceps skin fold thickness (mm)
5. **Insulin:** 2-Hour serum insulin (mu U/ml)
6. **BMI:** Body mass index (weight in kg/(height in m)^2)
7. **DiabetesPedigreeFunction:** A function that scores the likelihood of diabetes based on family history
8. **Age:** Age in years
9. **Outcome:** Class variable (0 = no diabetes, 1 = diabetes)

### **Dataset Details**

* **Number of Instances:** 768
* **Number of Attributes:** 8 + 1 outcome variable
* **Data Type:** All attributes are numeric.
* **Missing Values:** Yes, some attributes have missing values.

### **License and Accessibility**

* **License:** CC0: Public Domain
* **Is Accessible for Free:** Yes
* **Publisher:** Kaggle
* **Creator:** Mehmet Akturk

### **Relevant Information**

* The dataset is based on diagnostic criteria defined by the World Health Organization (e.g., 2-hour post-load plasma glucose ≥ 200 mg/dl).
* It has been used in medical research and machine learning applications (e.g., ADAP algorithm for diabetes prediction).
* **Class Distribution:** The “Outcome” variable indicates whether a person tested positive for diabetes.

### **Additional Metadata**

* **File:** diabetes.csv
* **Columns Description:**
  + Pregnancies, Glucose, BloodPressure, SkinThickness, Insulin, BMI, DiabetesPedigreeFunction, Age, Outcome
* **File Format:** CSV
* **File Size:** 8.914 KB