PROJECT BY: **10 YEARS**
DEIMANTE PIRAITYTE

DIABETES

DATASET

1999-2008 Data Owned: Jims Chacko

PROJECT OVERVIEW

ORIGINAL DATASET

- 51 COLUMNS
- 101,766 ENTRIES
- 1999 – 2008

TOPIC

The dataset represents 10 years (1999–2008) of clinical care at 130 US hospitals and integrated delivery networks. It includes over 50 features representing patient and hospital outcomes.

HYPOTHESIS

"Patients with Diabetes are re-admitted to the hospital more often if first admision is in older age.

DATA CLEANING

01
REMOVE
Removing irrelevant observations (such as medication and increace in insulin level after admition)

02
NAN
Reviewing dublicated, missing or O values and its impact to dataset.

03
RENAME
According to research some values from numerical had to be transformed to more suitable descriptive ones.
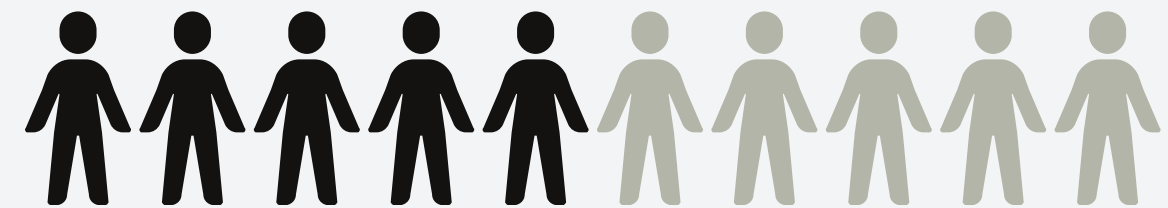
04
REVIEW
Checking unique values, and its relevance to hypothesis and data, fitting accordingly.

BUSINESS TIME

According to the date from the year 2020, more than 7.8 million hospital discharges were recorded in the USA among adults aged 18 years or older, where diabetes was listed as a diagnosis. This equates to 30% adults with diabetes.

Therefore my idea is to implement an app that would allow patients to have their visit using video chats and phone calls instead of going to the hospital, freaquant visit is to check for results or to meet for a yearly visit could me at least first inniated by app.

46%

46% of people with Diabetes were admitted to the hospital again in 10 years times

STRATEGIES

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STRATEGY N°1

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STRATEGY N°2

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STRATEGY N°3