

CAPSTONE PROJECT ONE



# **DEFERRED ACTION FOR CHILDHOOD ARRIVALS (2012-17)**

PRESENTED BY  
SUNIL AYYAPPAN



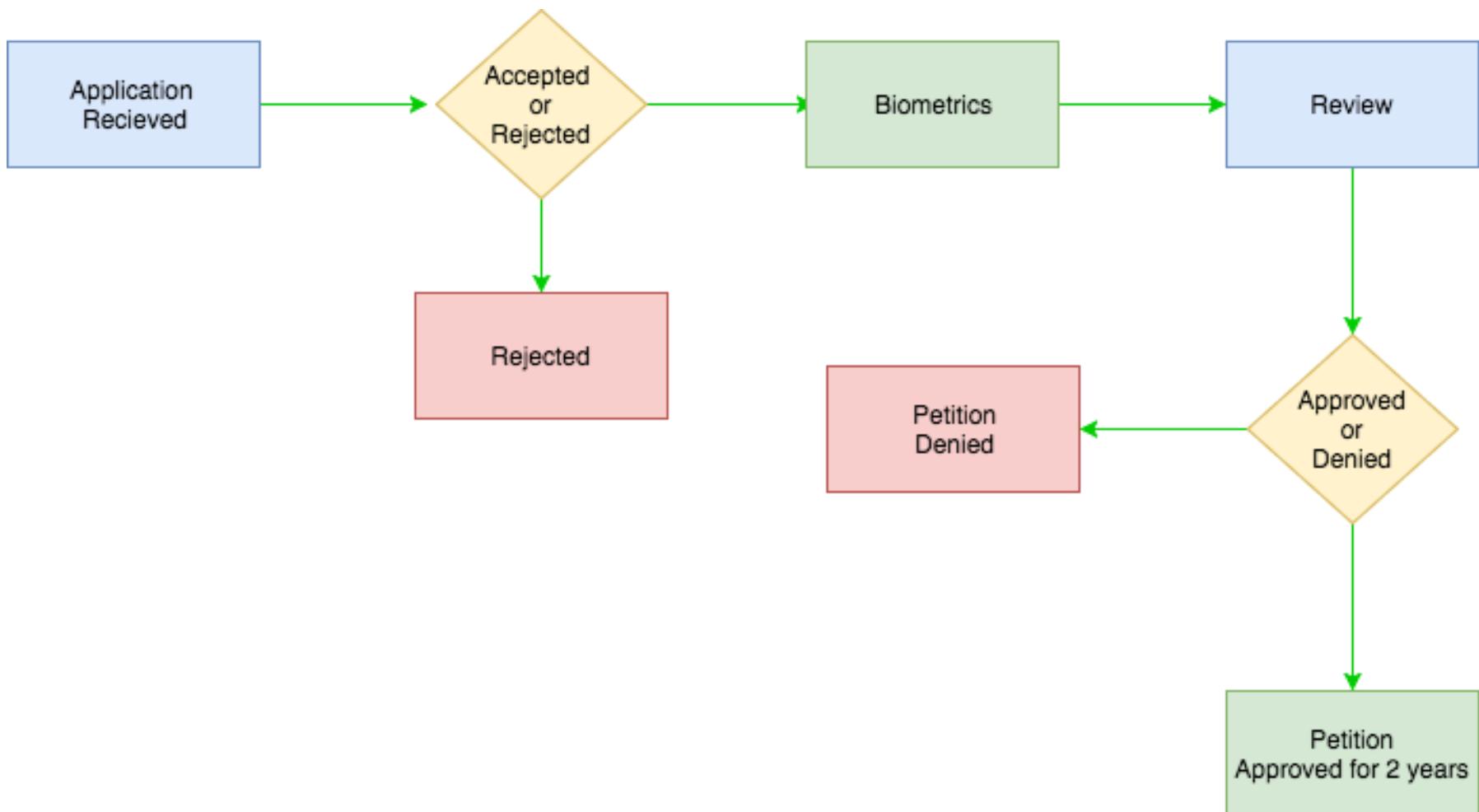
# DACA STORY

**DACA was an executive action taken by President Barack Obama that allowed undocumented immigrants who came to the US under the age of 16 to apply for protection from deportation. After a background check, those individuals were able to get renewable two-year permits to work and study in the US, as well.**

**The policy was created after acknowledgment that dreamer students had been largely raised in the United States, and this was seen as a way to remove immigration enforcement attention from "low priority" individuals with good behavior. The illegal immigrant student population was rapidly increasing; approximately 65,000 illegal immigrant students graduate from U.S. high schools on a yearly basis.**

**Since it went into effect in 2012, roughly 800,000 people were protected by the program, and roughly 700,000 had active DACA protections in September when the Trump administration announced its end.**

# THE PROCESS



1

## INTERESTING FACT

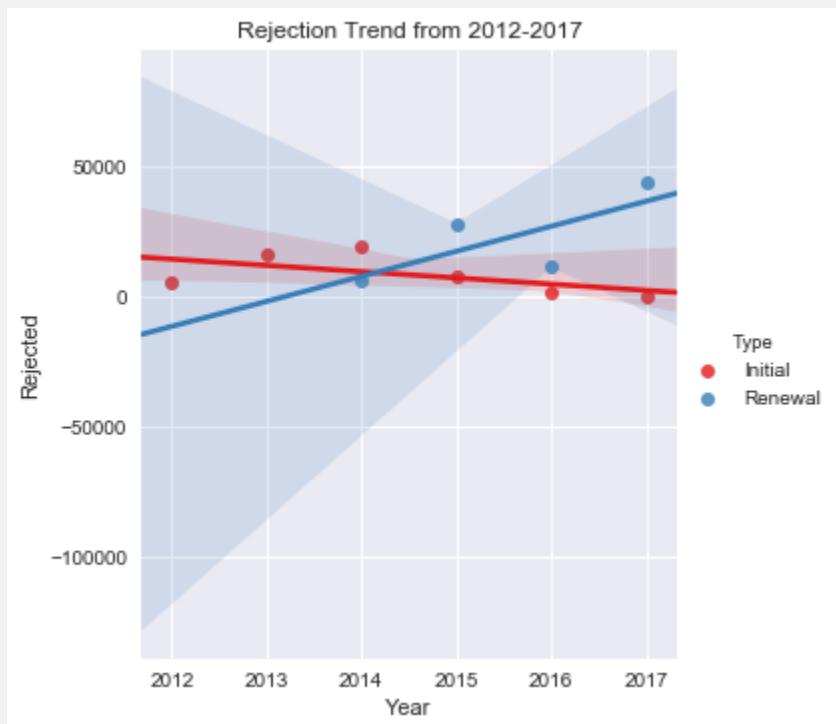


Since its inception in 2012, the renewal cases has exceeded the initial application cases from the year 2015 which means more renewal are happening than fresh application for a two year permit

## 2

## TRENDS IN REJECTION

Since its inception, the trend in rejection for initial application has gone down as shown in red. Contrary to that, the rejection of renewal application has gone up as shown in blue. In 2017 alone 43,387 renewal applications were rejected marking it as the highest of all time. Note that this is rejection of application where the case was not even accepted.

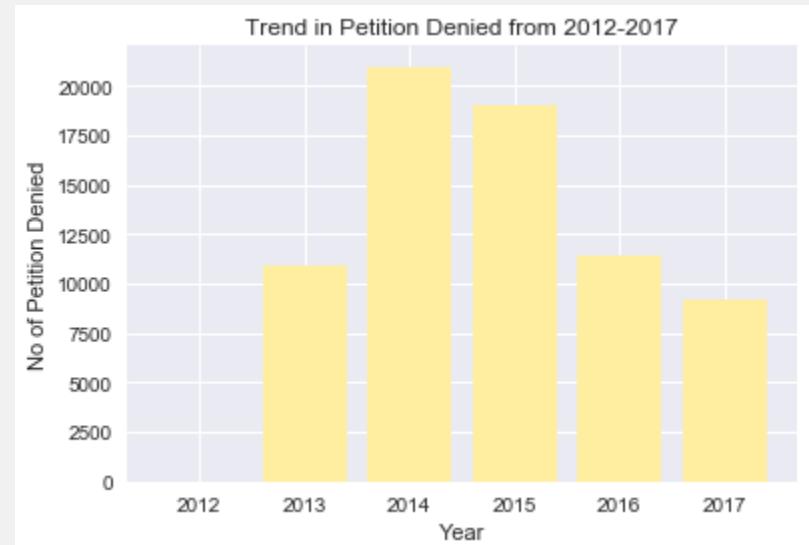
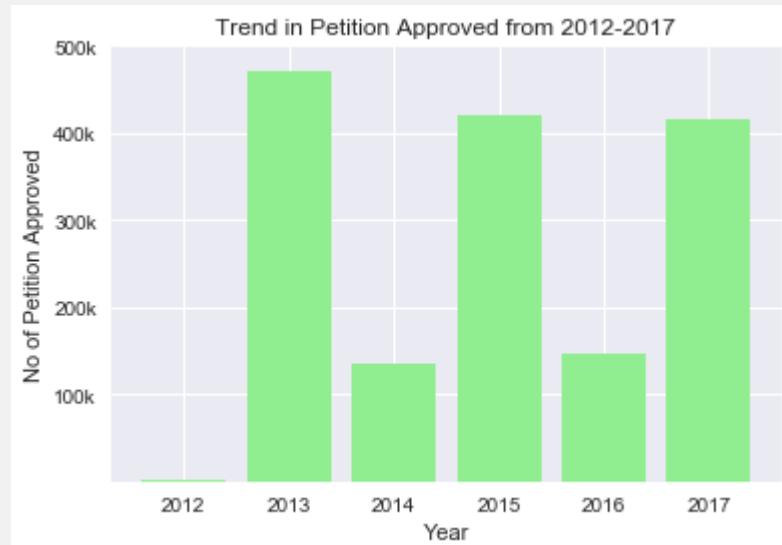




3

## APPROVAL/DENIAL TREND

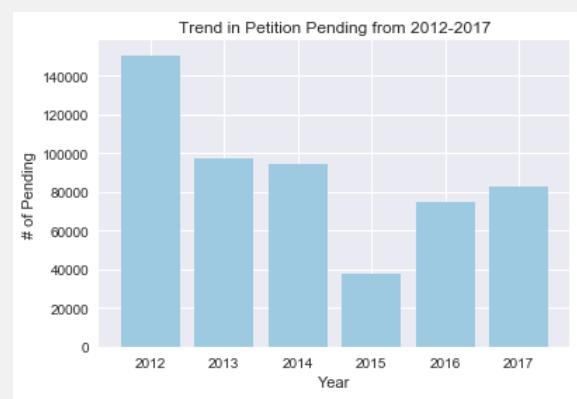
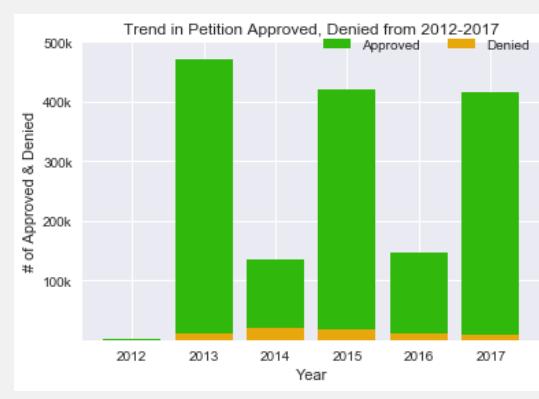
If you notice the trend in the number of the petition being approved there is a drop every alternate year like 2014 and 2016. For Denials even though the trend is going down, it's not the real picture as the applications are getting rejected during acceptance phase



## 4

## COMPARING LAST 3 YEARS TREND

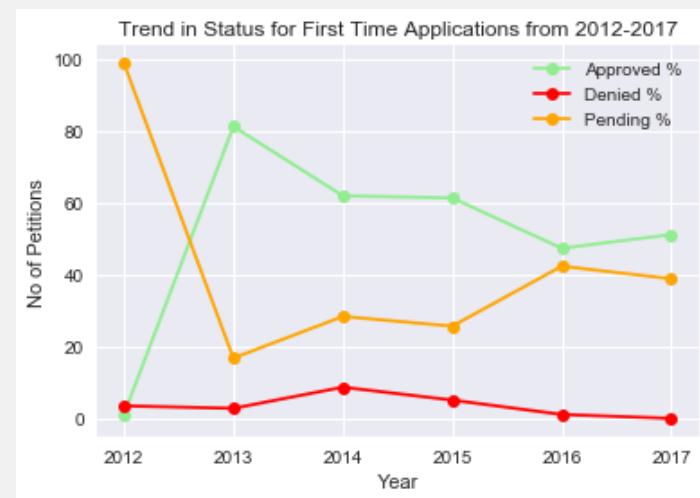
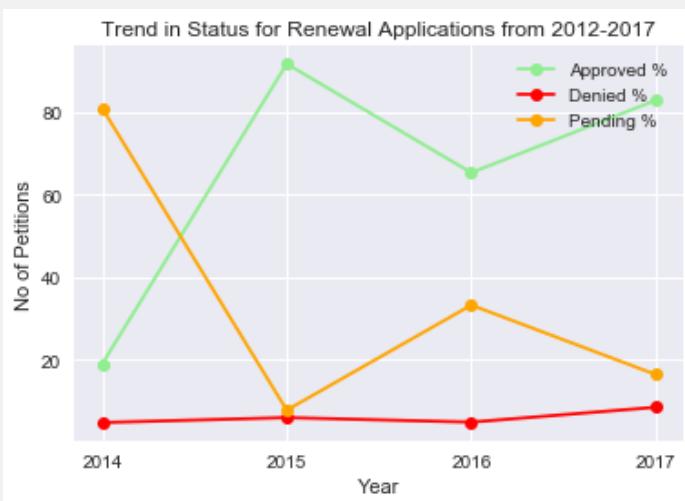
- The first graph indicates applications have been accepted and rejected in the initial phase
- The second graph indicates the trend in approval and denial over the years.
- The last graph indicates the pending applications at the end of each year.



## 5

## COMPARING APPROVAL/DENIAL IN ACCEPTED APPLICATIONS

The trend for approved applications has gone down over the years but combined with renewal application it is consistent over the years. The number of denials has stayed flat throughout apart from a little spike in 2014.



So when an application gets approved, the recipient gets an extension for 2 years. So it is obvious to see a spike in the approval rate in 2015 because of the number of renewal applications received in 2014. There is a small spike in denials in the year 2017 but it's only 8.5%

## 6

## TOP COUNTRY OF DACA RECIPIENTS

In all of the approved DACA cases approved, Mexico got a huge share of **79%**. Since its inception, they got around **548k** DACA recipients. The next nearest is El Salvador who has received **3.8%** of the overall share.

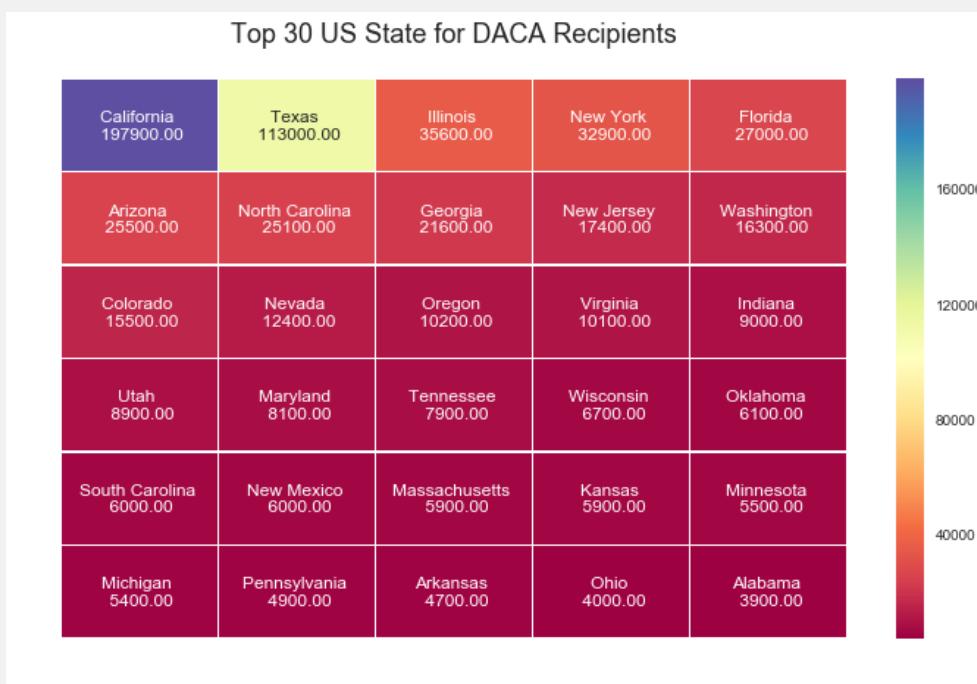
Top 30 countries of DACA Recipients



7

## TOP US STATE OF DACA RECIPIENTS

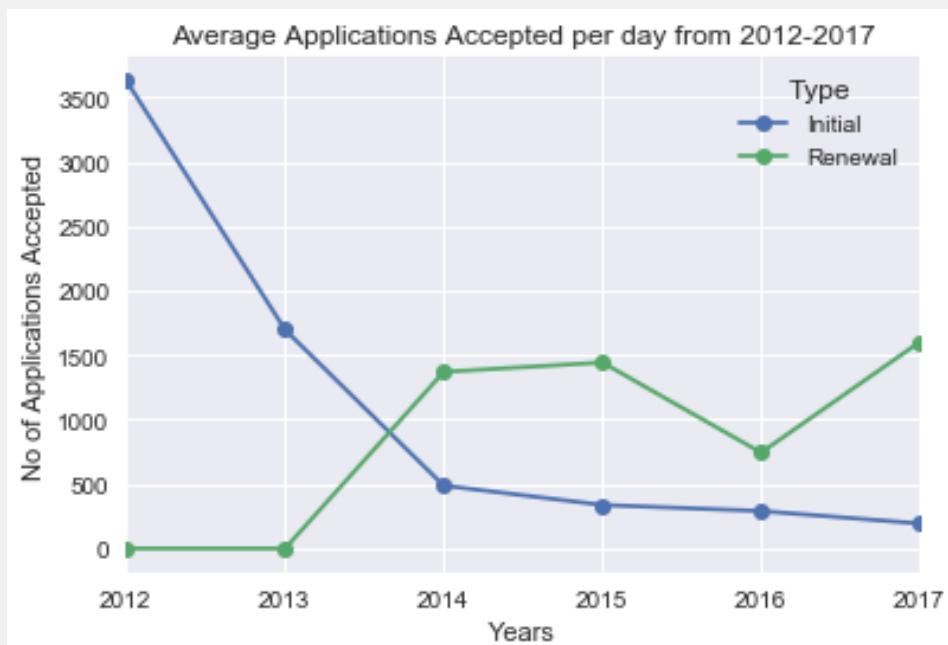
In all of the US States, 28% of the DACA recipients are from California followed by Texas with 11.4% and Illinois with 5.2%



## 8

## AVERAGE APPLICATIONS PER DAY

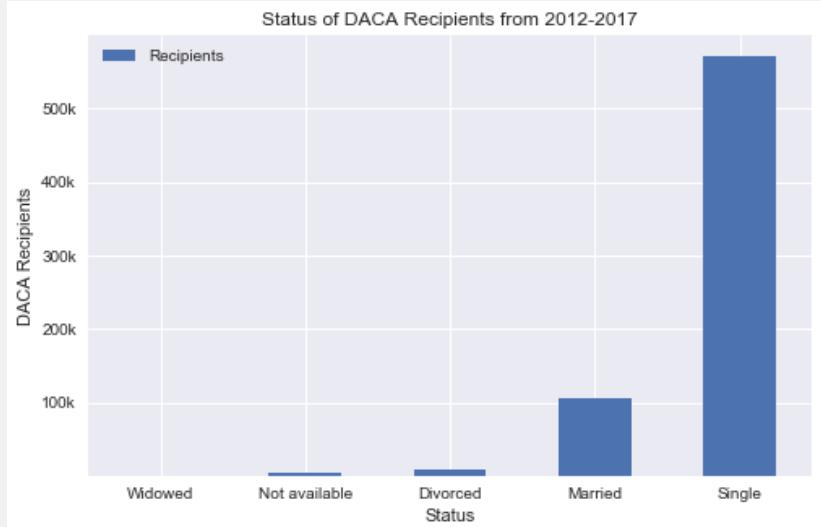
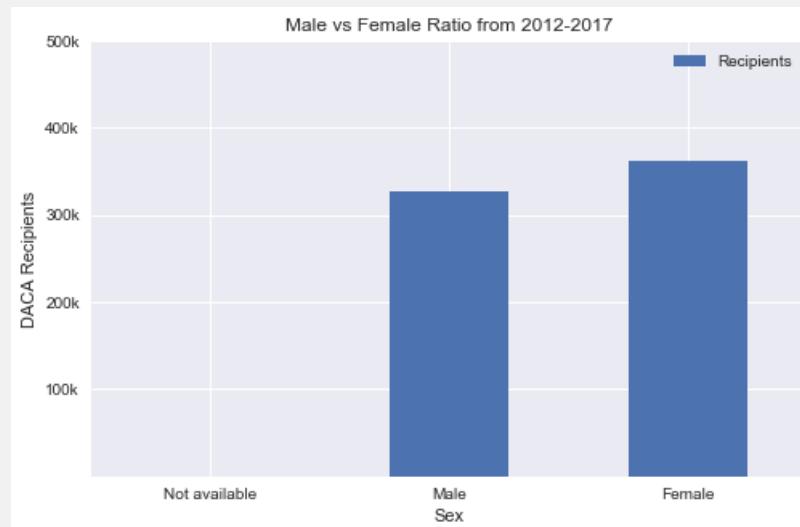
In 2012 on an average around 3500 applications were accepted in a day. This has dropped in subsequent years. However, renewal applications have risen from the year 2014 and when both combined, USCIS has accepted around 2000 applications per day.



9

## SEX RATIO & STATUS OF DACA RECIPIENTS

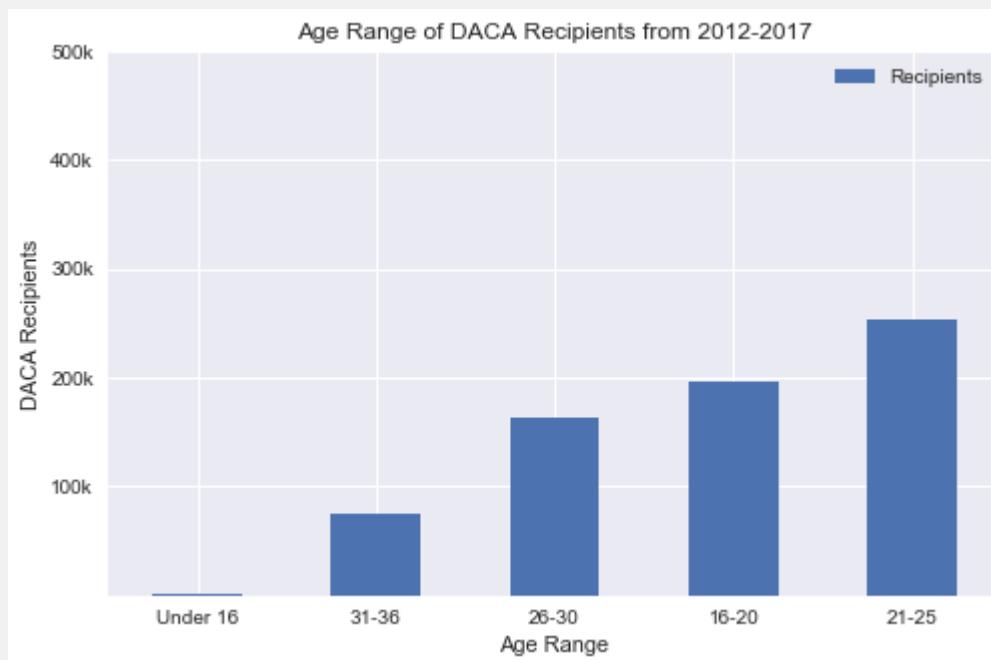
Interestingly total female DACA recipients are **5%** more than the male DACA recipients. Also, a whopping **82%** were still single when they got their extension on DACA.



10

## AGE RANGE OF DACA RECIPIENTS

Most of the people who have received an approval for two years through DACA are millennials from an age range between **21-30**.



11

## CONCLUSION

So DACA has been a huge relief for almost a million people who have left the country between **1982-2001**. From the year **2012**, every second year these recipients have been applying for an extension and continue to stay legally in the United States.

On one side when there is a debate happening on H1-B who have entered their country legally and finding it difficult to keep their status intact and on the other side, DACA has helped almost million people to stay in this country legally.

From 2012-2017 around **2000** DACA recipients had their status terminated due to involvement in criminal and gang activity which is like **0.0025%** of the total recipients benefited by DACA.

As a Data scientist, you get intrigued by different information and numbers on a dataset and try to get an unbiased story out of it. But in this case, it's a human life and how their lives are going to be impacted when all this ends in March 2018.



**IF YOU HAVE  
QUESTIONS,  
HOLLER!**

SUNILAYYAPS@GMAIL.COM

DACA (2012-2017)

**DEFERRED  
ACTION  
FOR  
CHILDHOOD  
ARRIVALS  
(2012-17)**