



# UNHCR Refugee Population

GLOBAL AND COUNTRY SPECIFIC TRENDS

## Introduction and Context



- ▶ The prime purpose of this project is to identify how conflicts in Afghanistan and Syria have affected the movement of international refugees since the start of War on Terror in 2001 and the Syrian Civil War in 2011 and to where the human population from these regions have relocated to.
- ▶ Refugees include individuals recognized under the 1951 Convention relating to the Status of Refugees; its 1967 Protocol; the 1969 OAU Convention Governing the Specific Aspects of Refugee Problems in Africa; those recognized in accordance with the UNHCR Statute; individuals granted complementary forms of protection; or those enjoying temporary protection. Since 2007, the refugee population also includes people in a refugee-like situation.
- ▶ The number of people displaced due to conflict, war, persecution and human rights violations has increased significantly in recent years. UNHCR's statistics are a sad testimony of this global trend, and clearly show displacement over time. It is also evidence of the complexity of forced displacement today, with the number and different type of populations UNHCR is engaged with, increasing globally each year.

# Methodology



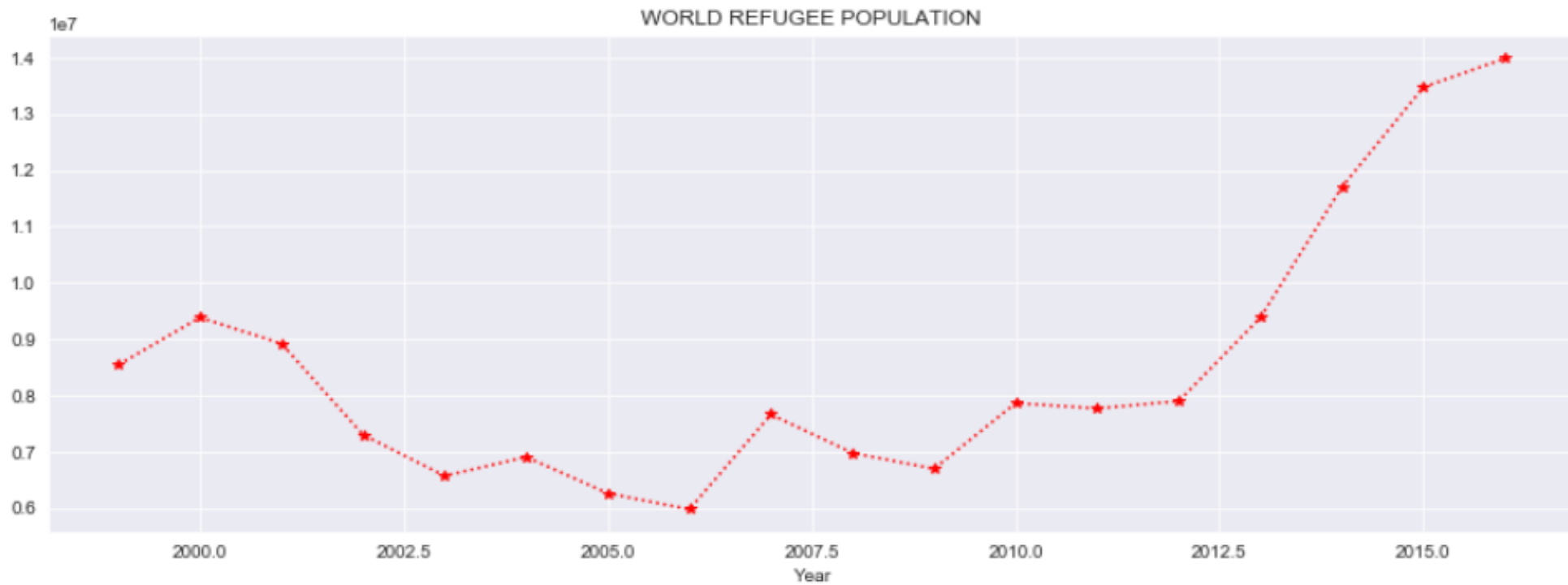
- ▶ The methodology for this project included data cleaning and an overall data analysis of the UNHCR Refugee population between the years 1999 and 2016, followed by an in depth analysis of the top five countries with highest number of refugees and their respective trends in a 17 year period.
- ▶ The data is divided in to three different categories each. The first category provides us an overall trend for the refugee population of a country. The second category is focused on an analysis specific to the most recent year which is 2016 for each of the countries. The third category provides analysis of a specific country of origin where most of the refugees are coming from into a host country.
- ▶ For example for 2016 Turkey tops the list for the highest number of refugees. Firstly we will look at an overall trend for Turkey for past seventeen years, followed by an analysis for 2016 and then an analysis for Syrian refugees which accounts to over 98% of the total refugee population in Turkey. All analysis and visualizations are included in the Python code file.

# Research Questions



- ▶ Forecast a global trend in refugee population.
- ▶ Identify countries of asylum with the highest no of refugees.
- ▶ Identify countries of origin where most of the refugees are coming from.
- ▶ Draw scatter plots for countries of asylum with highest no of refugees and observe any correlation.
- ▶ Conduct detailed analysis at country level for countries with the highest number of refugees.
- ▶ Identify other significant trends outside the Middle East and South Asia in UNHCR refugee population.

# Trend for Global Refugee Population



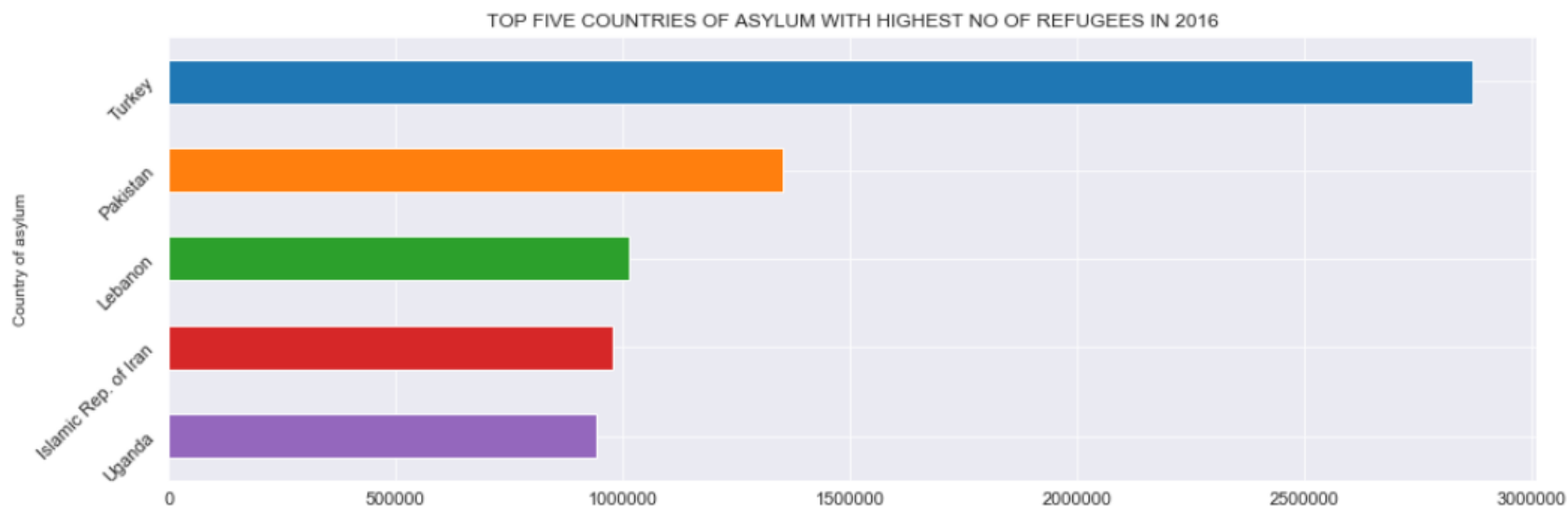
## Countries of Asylum with highest no of Refugees in 2016



- To gain further insight we performed an analysis of countries which currently have the highest no of refugees. This provide us clues on geographical areas and countries which are highly active in human migration due to conflicts and war.
- Since data for each of the countries listed spans almost two decades, we will focus on the most recent year which is 2016 and identify top five countries with the maximum no of refugees and which later can be investigated further.
- The leading countries in this category are Turkey, Pakistan, Lebanon, Islamic Republic of Iran and Uganda.

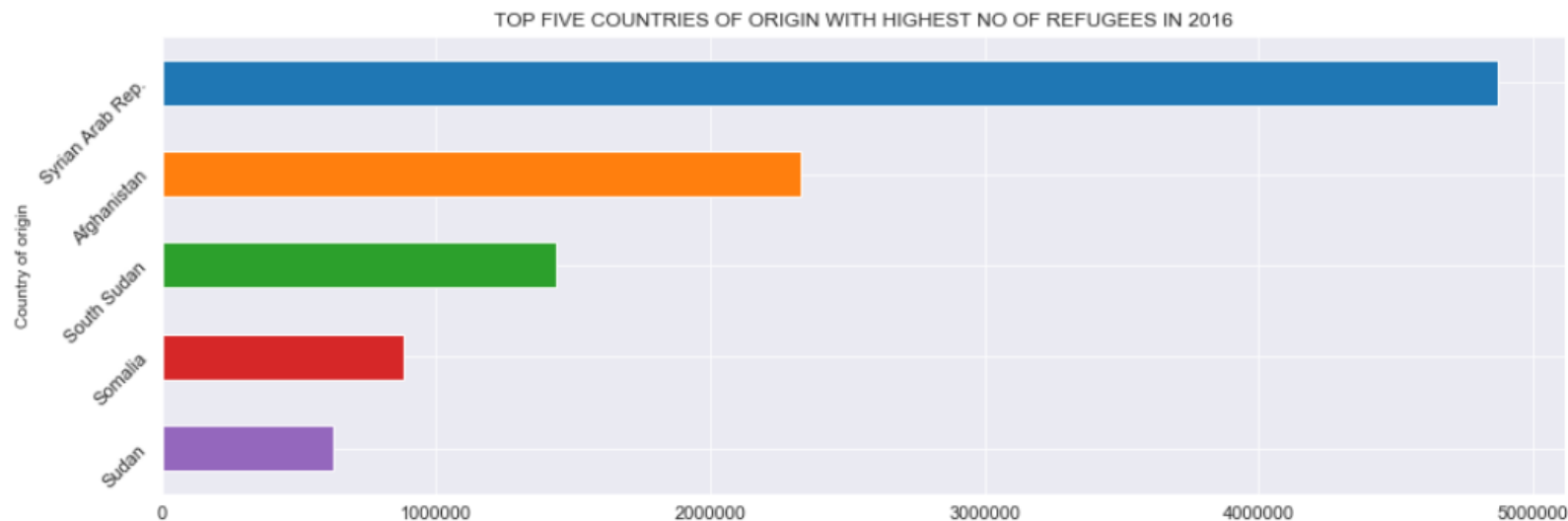
## Countries of Asylum with highest number of refugees (2016)

	Country of asylum	Year	Refugees	Refugees assisted by UNHCR	Total refugees	Total refugees assisted by UNHCR
0	Turkey	104832.0	2869421.0	2869421.0	2869421.0	2869421.0
1	Pakistan	36288.0	1352560.0	1352560.0	1352560.0	1352560.0
2	Lebanon	54432.0	1012969.0	1012969.0	1012969.0	1012969.0
3	Islamic Rep. of Iran	10080.0	979435.0	979435.0	979435.0	979435.0
4	Uganda	48384.0	940835.0	940835.0	940835.0	940835.0



## Countries of Origin with the highest no of Refugees in 2016

	Country of origin	Year	Refugees	Refugees assisted by UNHCR	Total refugees	Total refugees assisted by UNHCR
0	Syrian Arab Rep.	175392.0	4871391.0	4860679.0	4886460.0	4865723.0
1	Afghanistan	112896.0	2327957.0	2325043.0	2331400.0	2328486.0
2	South Sudan	54432.0	1436470.0	1395404.0	1436538.0	1395434.0
3	Somalia	135072.0	883744.0	732029.0	883744.0	732029.0
4	Sudan	133056.0	621576.0	609284.0	626180.0	610784.0



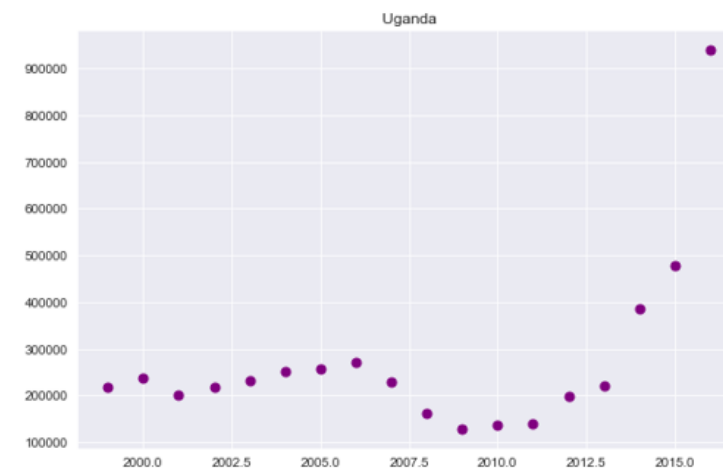
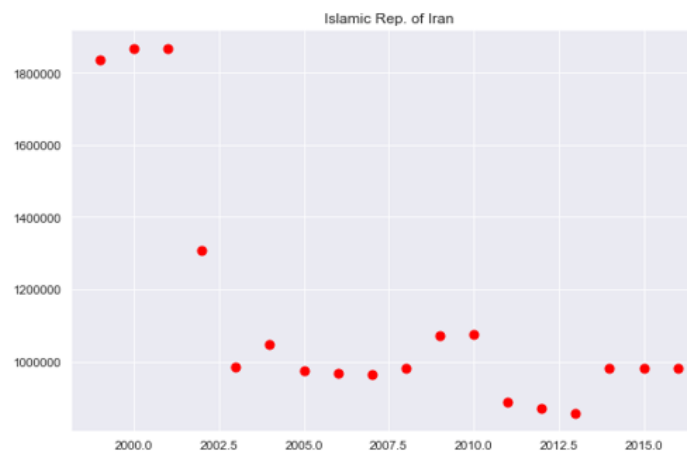
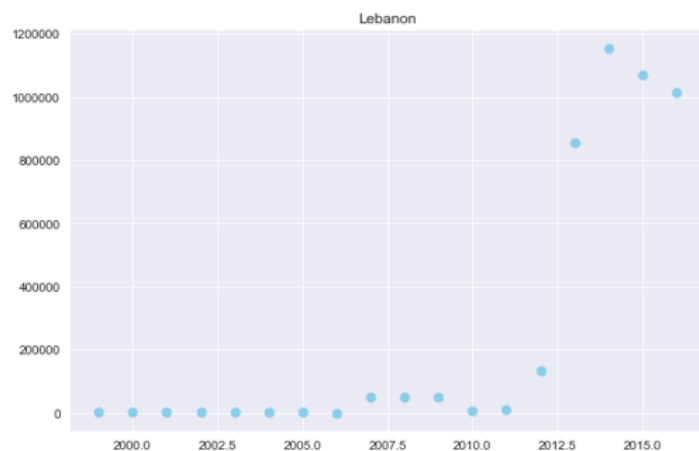
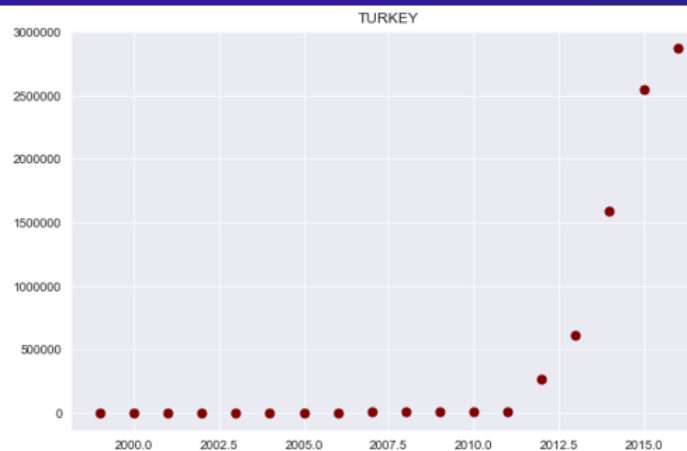
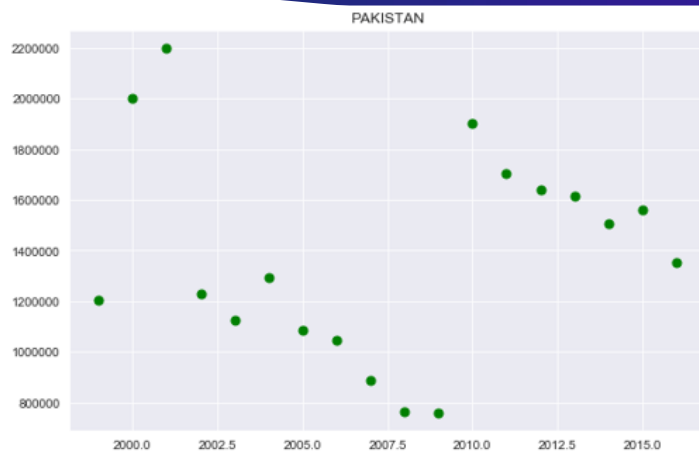


# Scatter plots for countries of asylum with highest no of refugees

Number of Refugees Vs. Year



**UNHCR**  
The UN Refugee Agency



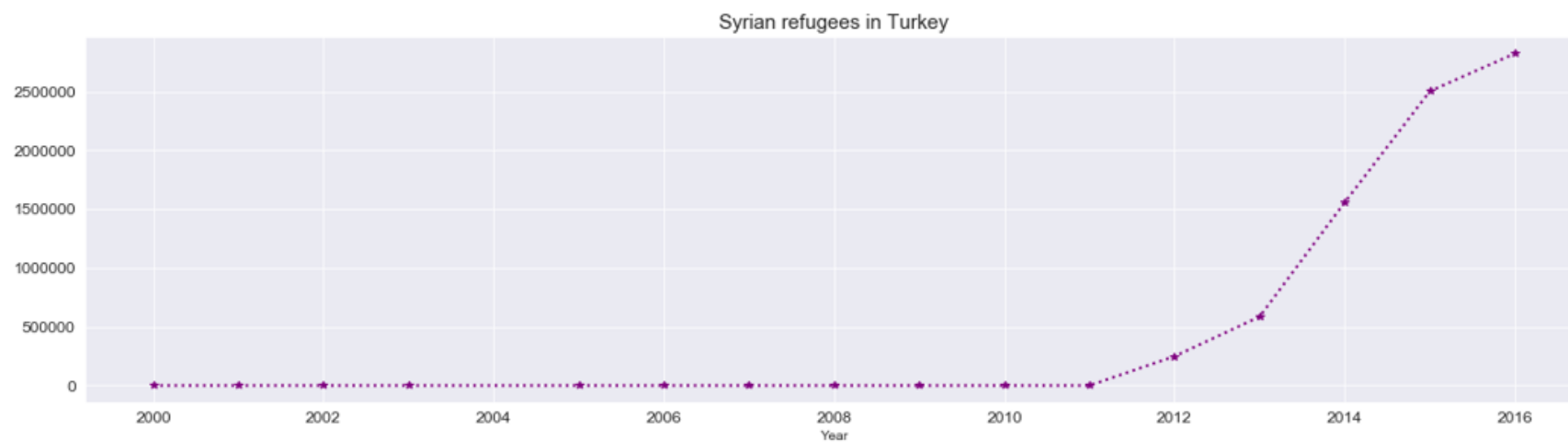
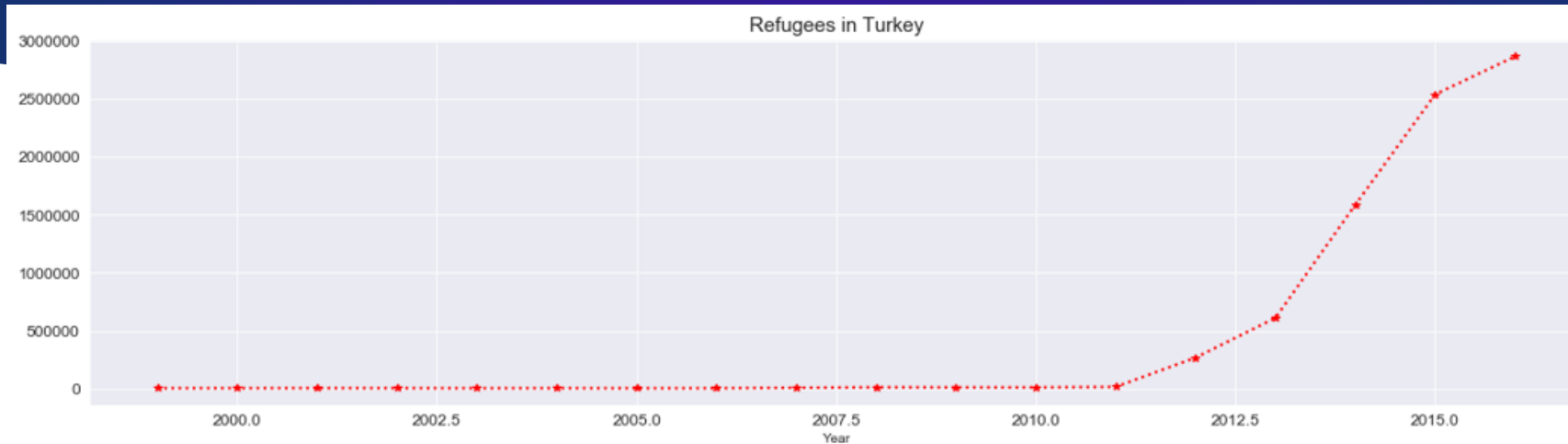
## Refugee population in Turkey



	Country of asylum	Country of origin	Year	Refugees	Refugees assisted by UNHCR	Total refugees	Total refugees assisted by UNHCR
0	Turkey	Syrian Arab Rep.	2016.0	2823987.0	2823987.0	2823987.0	2823987.0
1	Turkey	Iraq	2016.0	30398.0	30398.0	30398.0	30398.0
2	Turkey	Islamic Rep. of Iran	2016.0	6966.0	6966.0	6966.0	6966.0
3	Turkey	Afghanistan	2016.0	3423.0	3423.0	3423.0	3423.0
4	Turkey	Somalia	2016.0	2239.0	2239.0	2239.0	2239.0

- ▶ The highest number of refugees in Turkey for year 2016 belong to the Syrian Arab Republic, followed by Iraq, Iran, Afghanistan and Somalia.
- ▶ The above data for Turkey shows that Syrian refugees make up more than 98% of the total refugee population in 2016.

# Refugee population in Turkey



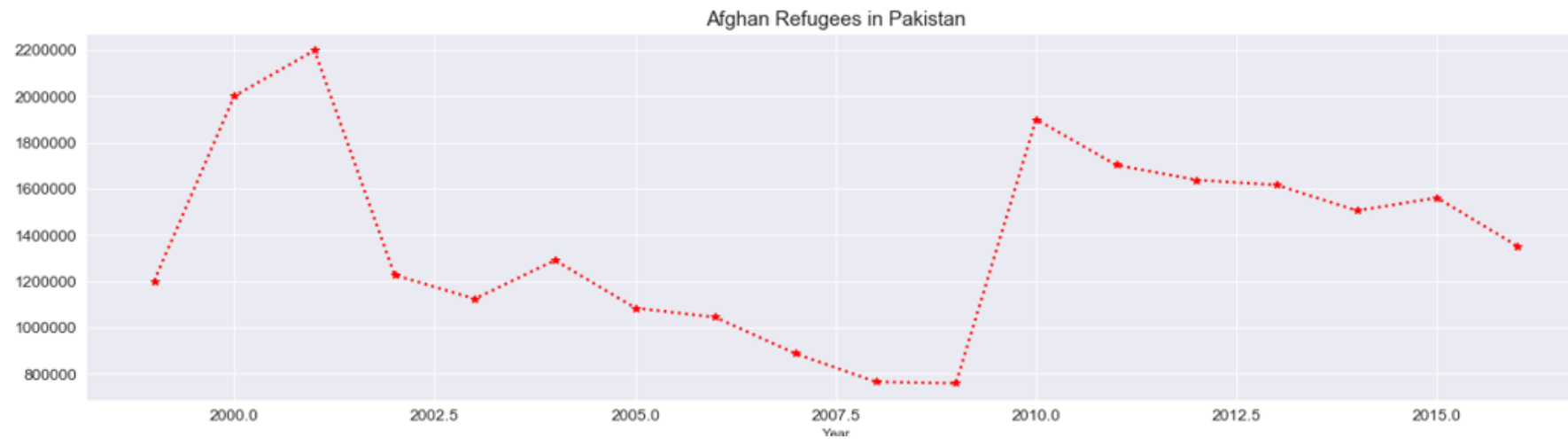
# Refugee Population in Pakistan



	index	Country of asylum	Country of origin	Year	Refugees	Refugees assisted by UNHCR	Total refugees	Total refugees assisted by UNHCR
0	3550	Pakistan	Afghanistan	2016.0	1352160.0	1352160.0	1352160.0	1352160.0
1	3561	Pakistan	Somalia	2016.0	214.0	214.0	214.0	214.0
2	3557	Pakistan	Islamic Rep. of Iran	2016.0	49.0	49.0	49.0	49.0
3	3567	Pakistan	Yemen	2016.0	24.0	24.0	24.0	24.0
4	3558	Pakistan	Myanmar	2016.0	23.0	23.0	23.0	23.0

- ▶ Due to its geographic location and sharing a border with Afghanistan the analysis indicate that there has been a constant decrease in Afghan refugees in Pakistan from 2002 to 2008 mainly because of the Government of Pakistan's efforts to properly register Afghan refugees and send them back to their homeland. However we see a sudden rise in 2009 due to deteriorating security situation in Afghanistan and then decrease from 2010 onwards indicating efforts by Pakistani government to limit intake of refugees from Afghanistan.
- ▶ The highest number of refugees in Pakistan for year 2016 belong to Afghanistan, followed by Somalia, Iran, Yemen and Myanmar.

# Refugee Population in Pakistan



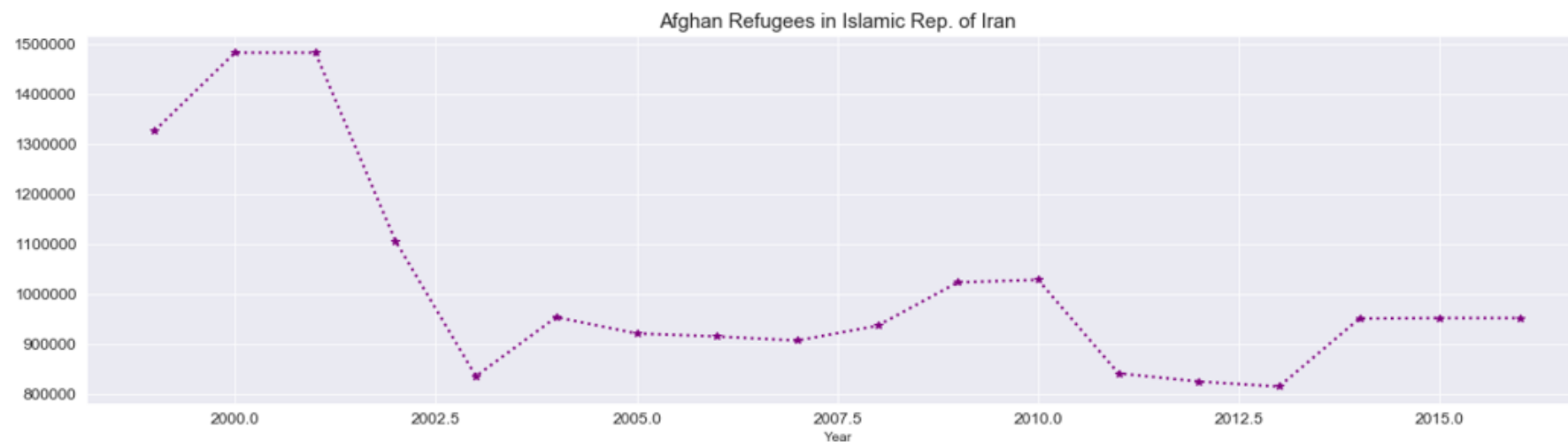
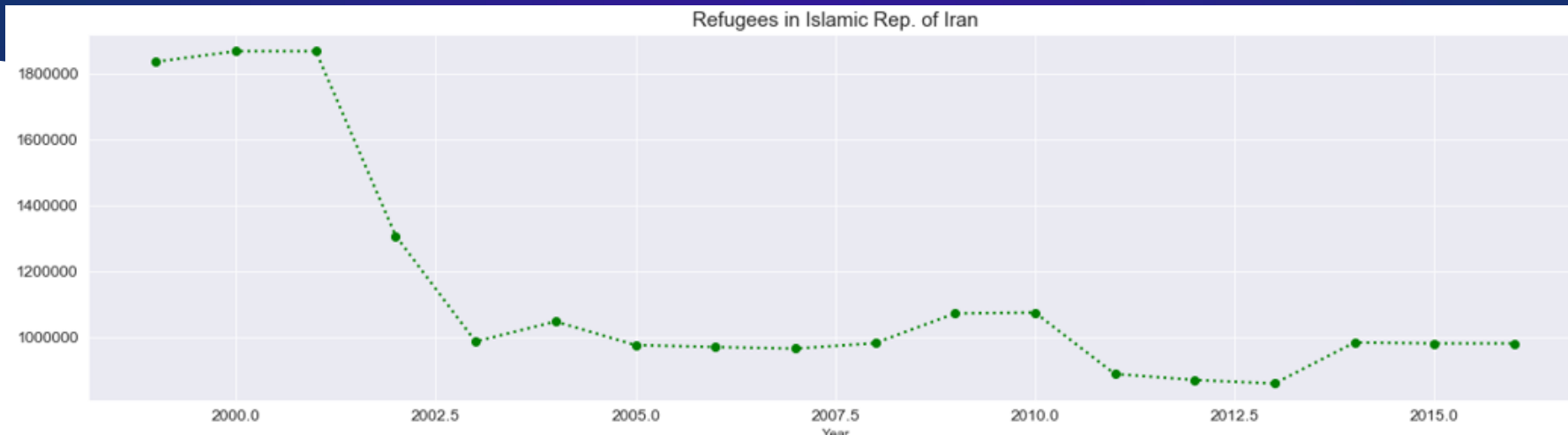
# Refugee Population in Iran



	Country of asylum	Country of origin	Year	Refugees	Refugees assisted by UNHCR	Total refugees	Total refugees assisted by UNHCR
0	Islamic Rep. of Iran	Afghanistan	2016.0	951142.0	951142.0	951142.0	951142.0
1	Islamic Rep. of Iran	Iraq	2016.0	28268.0	28268.0	28268.0	28268.0
2	Islamic Rep. of Iran	Pakistan	2016.0	10.0	10.0	10.0	10.0
3	Islamic Rep. of Iran	Kuwait	2016.0	8.0	8.0	8.0	8.0
4	Islamic Rep. of Iran	Uzbekistan	2016.0	7.0	7.0	7.0	7.0

- ▶ The analysis for Iran suggest that the Iranian Government has been trying to limit the refugee population in Iran since 2001, majority of which comprise of the Afghan refugees as Iran shares land border with Afghanistan.
- ▶ The highest number of refugees in Iran for year 2016 belong to Afghanistan, followed by Iraq, Pakistan, Kuwait and Uzbekistan.
- ▶ The above data for Islamic Rep. of Iran shows that Afghan refugees make up more than 97% of the refugee population in 2016.

# Refugee Population in Iran



## Refugee Population in Lebanon

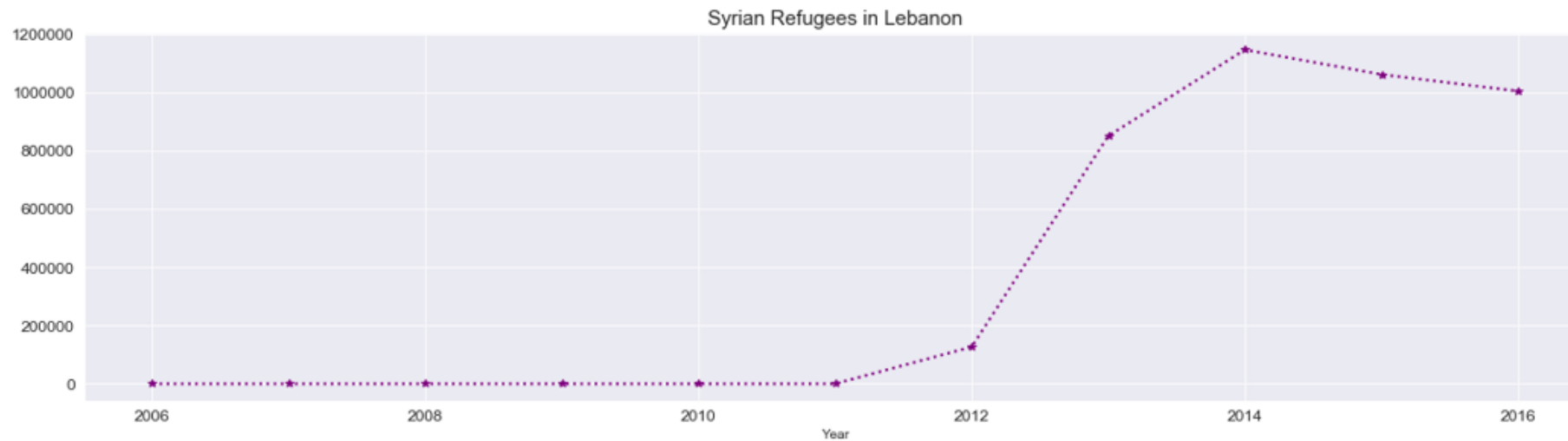
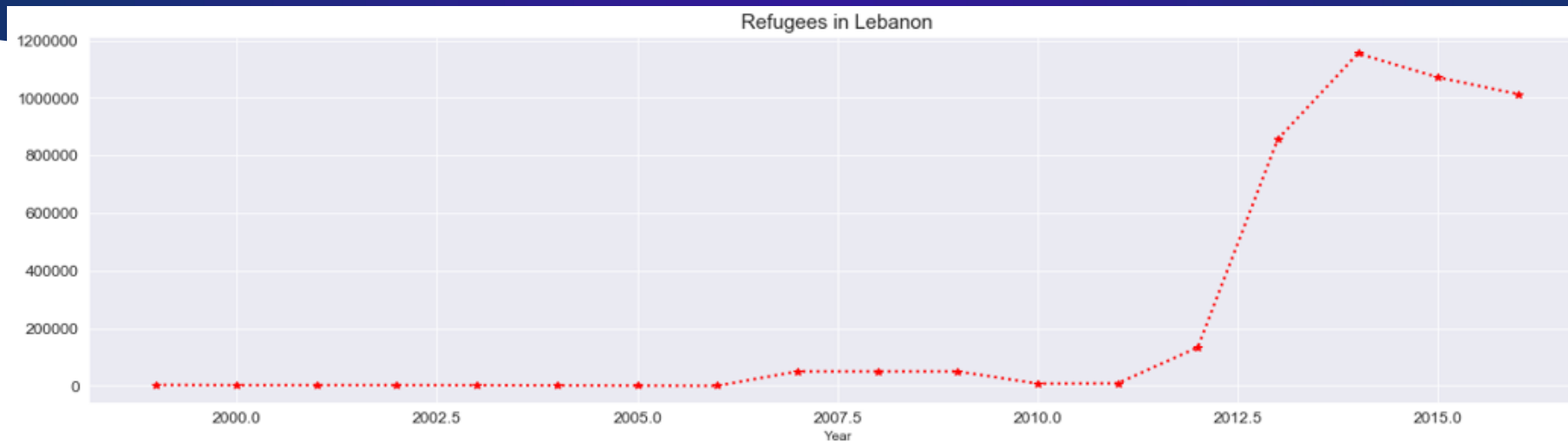


	Country of asylum	Country of origin	Year	Refugees	Refugees assisted by UNHCR	Total refugees	Total refugees assisted by UNHCR
0	Lebanon	Syrian Arab Rep.	2016.0	1005503.0	1005503.0	1005503.0	1005503.0
1	Lebanon	Iraq	2016.0	6454.0	6454.0	6454.0	6454.0
2	Lebanon	Sudan	2016.0	695.0	695.0	695.0	695.0
3	Lebanon	South Sudan	2016.0	50.0	50.0	50.0	50.0
4	Lebanon	Egypt	2016.0	35.0	35.0	35.0	35.0

- ▶ Due to its geographic location and sharing a border with the Syrian Arab Republic the analysis indicate that there has been an abrupt increase in the number of refugees in Turkey since the Syrian war started in 2011.
- ▶ The highest number of refugees in Turkey for year 2016 belong to the Syrian Arab Republic, followed by Iraq, Iran, Afghanistan and Somalia.



# Refugee Population in Lebanon



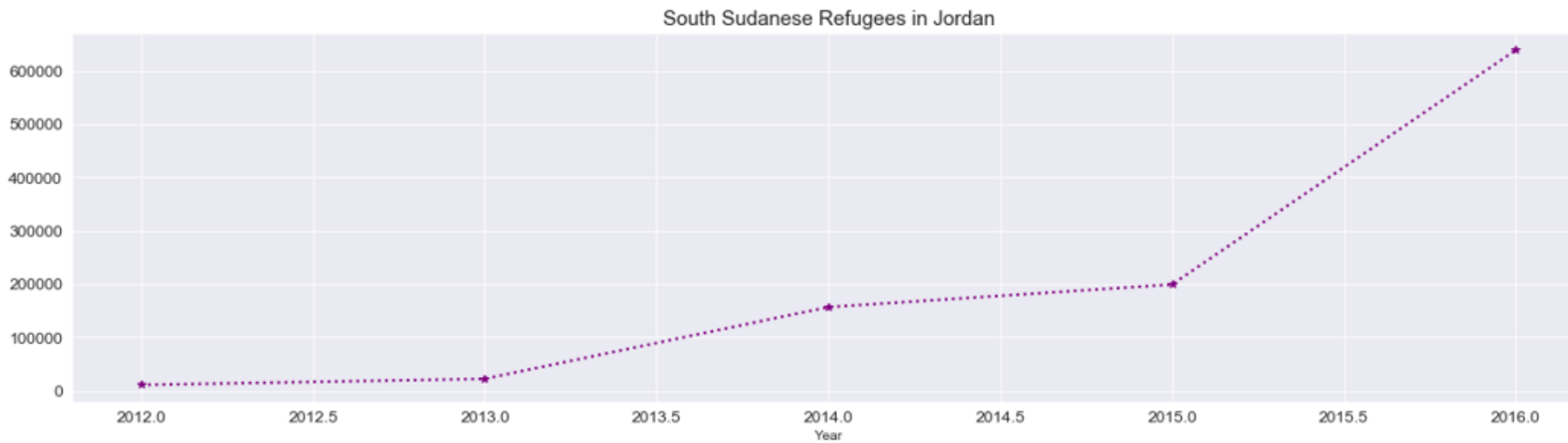
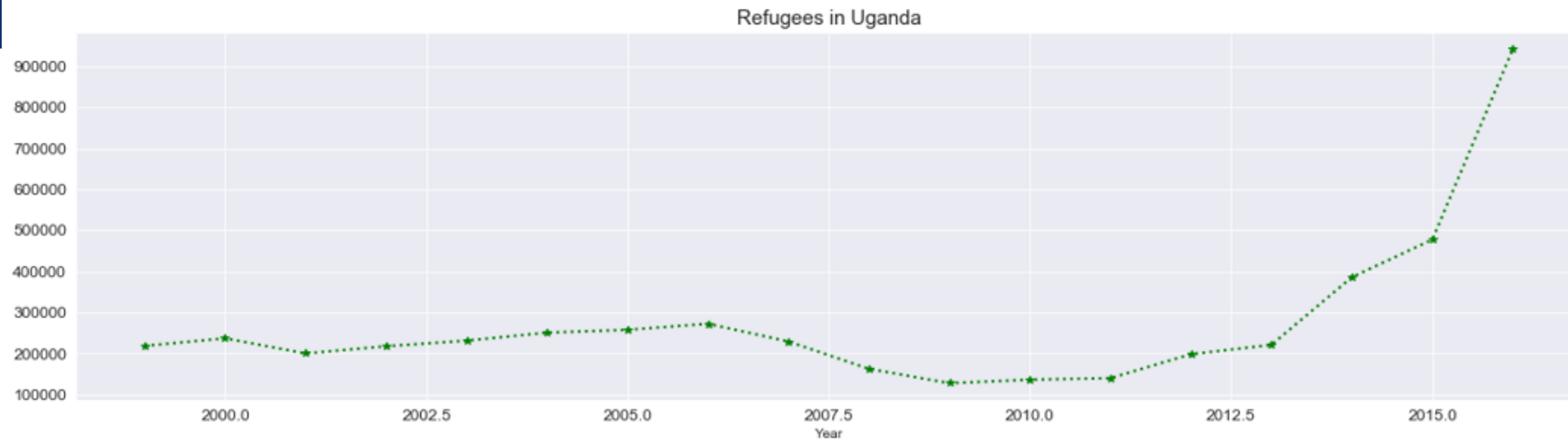
# Refugee Population in Uganda



	Country of asylum	Country of origin	Year	Refugees	Refugees assisted by UNHCR	Total refugees	Total refugees assisted by UNHCR
0	Uganda	South Sudan	2016.0	639007.0	639007.0	639007.0	639007.0
1	Uganda	Dem. Rep. of the Congo	2016.0	205363.0	205363.0	205363.0	205363.0
2	Uganda	Burundi	2016.0	41012.0	41012.0	41012.0	41012.0
3	Uganda	Somalia	2016.0	30689.0	30689.0	30689.0	30689.0
4	Uganda	Rwanda	2016.0	15231.0	15231.0	15231.0	15231.0

- ▶ The analysis for Uganda indicates that due to the Sudanese conflict there has been a dramatic rise in refugee population in Uganda since 2011.
- ▶ The main reason of refugee influx in to Uganda has been due to the South Sudan's civil war of 2013.
- ▶ The highest number of refugees in Uganda for year 2016 belong to South Sudan, followed by Democratic Republic of Congo, Burundi, Somalia and Rwanda.

# Refugee Population in Uganda



## Conclusion



- ▶ In conclusion due to the war on terror in Afghanistan and the Syrian conflict there has been a considerable rise in the movement of refugees across international borders. The war in Afghanistan has significantly impacted influx of refugees in countries like Pakistan and Islamic Republic of Iran.
- ▶ Both countries share land border with Afghanistan, with Pakistan sharing 2,430 Kilometers and Iran 921 Kilometers.
- ▶ For Pakistan it has followed a cyclical trend where influx of refugees peaked in 2001 and 2010 and later gradually declined. Whereas in case of Iran there were higher number of arrivals in early 2000's followed by a sharp decline. The Afghan refugee population in Iran since then has remained constant.
- ▶ As for Turkey and Lebanon the main driver of refugee population has been the Syrian conflict since 2011. As of now Turkey has the highest no of Syrian Refugees in the world.
- ▶ Where as Uganda saw sudden rise in refugee population due to a conflict in South Sudan which started in 2013.
- ▶ The present research is focused on refugee movement across borders. However in order to obtain an in depth view of prevailing situation we would need to analyze economic indicators affecting people living in these countries and their local economies.