RESEARCH ON IMMIGRATION ACROSS COUNTRIES

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ABSTRACT

This project aims at analysing datasets on immigration of the human population across various countries and works on deducing the required information. The objective is to analyze the preferences of people all over the world and determine which cities are more universally opted for. The documents included in this research were retrieved from national sites and platforms like Kaggle which covers details regarding immigration for the past ten years.

INTRODUCTION

Immigration is the international movement of people to a destination country of which they are not natives or where they do not possess citizenship in order to settle or reside there, especially as permanent residents or naturalized citizens, or to take up employment as a migrant worker or temporarily as a foreign worker.

In order to achieve our objective, interactive charts help track changing immigration patterns and characteristics of the immigrant population through time. By placing immigration to foreign countries in its broader historical context, the characteristics of today's migration flows and the immigrant communities they establish can be better understood.

The following dataset chooses 35 different countries for analysis and gives the count of people migrated to the respective countries in the past 10 years, i.e. from 2008 to 2018. Some of the data are missing which are computed using statistical methods. This final dataset is then used for further research and analysis.

RESEARCH OBJECTIVES:

1. Is there any rise of immigrants in the West as compared to the Middle East and the European Union countries in the past decade?
2. Has the mean ratio of people immigrating to these countries remained constant?
3. Is there a greater cross cultural immigration in recent years as compared to the early 2000s?
4. Analyze which of the countries have a higher immigration rate and which ones lesser in the past ten years.
5. What have been the rates of overall immigration for individual countries?
6. Has the rise in population affected the parameters being worked upon?
7. By how much has this population increased among various countries?
8. Is there any direct link between the population charts and their respective immigration rates?
9. Which country has fared the most in the past decade with regards to developing into a more suitable country for the masses?
10. At the same time, which country has proved to disappoint migrators over the decade?

ANALYSIS

> read.table("clipboard",sep='\t',header=TRUE)

	Country	X2008	X2009	X2010	X2011	X2012	X2013	X2014	X2015	X2016	X2017	X2018
1	Australia	203874	219400	202212	206362	235993	244849	233908	223654	218488	224220	186640
2	Austria	94368	91660	96896	109921	125605	135228	154260	198658	158746	139329	NA
3	Belgium	106012	102714	113582	117948	128948	117595	106345	128762	103187	109515	NA
4	Canada	247242	252170	280686	248701	257763	259034	260283	271808	296385	286485	NA
5	Chile	43577	35892	41431	50651	65247	84352	83549	101911	135490	NA	NA
6	Czech Republic	76151	38199	28046	20673	28607	27843	38490	31589	34808	43527	NA
7	Denmark	37018	31957	33442	34572	35490	41342	49039	58695	54641	49046	NA
8	Estonia	1929	2229	1199	1675	1107	1633	1347	7370	7693	9067	NA
9	Finland	19906	18087	18212	20416	23334	23873	23647	21414	27274	23735	NA
10	France	216033	211387	221784	228055	247036	251299	251767	242707	245663	245902	NA
11	Germany	573815	606314	683529	841695	965908	1108068	1342529	2016241	1719075	1384018	NA
12	Greece	42901	46534	33368	23206	17732	NA	NA	NA	NA	NA	NA
13	Hungary	35547	25582	23884	22514	20340	21250	26004	25787	23803	36453	NA
14	Iceland	7471	3392	2988	2754	2827	3932	4348	4963	7859	11758	NA
15	Ireland	89700	50700	23900	33700	37200	41000	43700	49300	53900	57200	NA
16	Israel	13701	14574	16633	16892	16558	16884	24112	27908	25977	26357	NA
17	Italy	496549	406725	424499	354327	321305	279021	248360	250465	262929	301071	NA
18	Japan	344509	297092	287071	266867	303926	306742	336525	391160	427585	474996	NA
19	Korea	302174	232844	293070	307249	300177	360473	407063	372935	402203	452657	NA
20	Latvia	3465	2688	2790	2861	3666	3525	4501	4505	3448	5136	NA
21	Luxembourg	16803	14635	15814	19108	19439	19797	21024	22608	21557	23147	NA
22	Mexico	15913	23852	26180	21992	18153	62990	43481	34406	35906	32778	NA
23	Netherlands	103356	104410	110235	118457	115678	122321	139348	159483	182160	183856	NA
24	New Zealand	63910	60326	57618	60997	62045	67509	80289	91767	95634	99321	NA
25	Norway	58820	56682	65065	70759	70012	66934	61429	59068	58508	49774	NA
26	Poland	41834	41277	41061	41336	47131	46614	31977	86087	107038	127997	NA
27	Portugal	72826	61445	50747	45369	38537	33246	35265	37851	46921	61413	NA
28	Slovak Republic	7415	5141	4161	3751	2940	2475	2418	3774	3610	2911	2869
29	Slovenia	43772	24168	11321	17974	17277	15724	18374	19928	20028	27660	NA
30	Spain	567372	365367	330286	335893	272489	248350	264485	290005	352174	454424	NA
31	Sweden	83318	83763	79036	75852	82597	95361	106100	113868	142986	124976	NA
32	Switzerland	157271	132444	134171	142471	143783	155401	152106	150432	143100	137803	NA
33	Turkey	NA	NA	29905	NA	NA	NA	NA	NA	380921	466333	NA
34	United Kingdom	456000	430000	459000	453000	383000	406000	504000	481000	455000	520000	NA
35	United States	1107126	1130818	1042625	1062040	1031631	990553	1016518	1051031	1183505	1127167	NA

Replacing missing values with the mean of its respective columns

> na2mean<- function(x) replace(x,is.na(x),mean(x,na.rm=TRUE))
> data<-replace(data,TRUE,lapply(data,na2mean))
>data

	Country	X2008	X2009	X2010	X2011	X2012	X2013	X2014	X2015	X2016	X2017	X2018
1	Australia	203874	219400.0	202212	206362.0	235993.0	244849.0	233908.0	223654.0	218488.0	224220.0	186640.0
2	Austria	94368	91660.0	96896	109921.0	125605.0	135228.0	154260.0	198658.0	158746.0	139329.0	94754.5
3	Belgium	106012	102714.0	113582	117948.0	128948.0	117595.0	106345.0	128762.0	103187.0	109515.0	94754.5
4	Canada	247242	252170.0	280686	248701.0	257763.0	259034.0	260283.0	271808.0	296385.0	286485.0	94754.5
5	Chile	43577	35892.0	41431	50651.0	65247.0	84352.0	83549.0	101911.0	135490.0	221819.2	94754.5
6	Czech Republic	76151	38199.0	28046	20673.0	28607.0	27843.0	38490.0	31589.0	34808.0	43527.0	94754.5
7	Denmark	37018	31957.0	33442	34572.0	35490.0	41342.0	49039.0	58695.0	54641.0	49046.0	94754.5
8	Estonia	1929	2229.0	1199	1675.0	1107.0	1633.0	1347.0	7370.0	7693.0	9067.0	94754.5
9	Finland	19906	18087.0	18212	20416.0	23334.0	23873.0	23647.0	21414.0	27274.0	23735.0	94754.5
10	France	216033	211387.0	221784	228055.0	247036.0	251299.0	251767.0	242707.0	245663.0	245902.0	94754.5
11	Germany	573815	606314.0	683529	841695.0	965908.0	1108068.0	1342529.0	2016241.0	1719075.0	1384018.0	94754.5
12	Greece	42901	46534.0	33368	23206.0	17732.0	171552.1	185351.2	213064.8	218770.6	221819.2	94754.5
13	Hungary	35547	25582.0	23884	22514.0	20340.0	21250.0	26004.0	25787.0	23803.0	36453.0	94754.5
14	Iceland	7471	3392.0	2988	2754.0	2827.0	3932.0	4348.0	4963.0	7859.0	11758.0	94754.5
15	Ireland	89700	50700.0	23900	33700.0	37200.0	41000.0	43700.0	49300.0	53900.0	57200.0	94754.5
16	Israel	13701	14574.0	16633	16892.0	16558.0	16884.0	24112.0	27908.0	25977.0	26357.0	94754.5
17	Italy	496549	406725.0	424499	354327.0	321305.0	279021.0	248360.0	250465.0	262929.0	301071.0	94754.5
18	Japan	344509	297092.0	287071	266867.0	303926.0	306742.0	336525.0	391160.0	427585.0	474996.0	94754.5
19	Korea	302174	232844.0	293070	307249.0	300177.0	360473.0	407063.0	372935.0	402203.0	452657.0	94754.5
20	Latvia	3465	2688.0	2790	2861.0	3666.0	3525.0	4501.0	4505.0	3448.0	5136.0	94754.5
21	Luxembourg	16803	14635.0	15814	19108.0	19439.0	19797.0	21024.0	22608.0	21557.0	23147.0	94754.5
22	Mexico	15913	23852.0	26180	21992.0	18153.0	62990.0	43481.0	34406.0	35906.0	32778.0	94754.5
23	Netherlands	103356	104410.0	110235	118457.0	115678.0	122321.0	139348.0	159483.0	182160.0	183856.0	94754.5
24	New Zealand	63910	60326.0	57618	60997.0	62045.0	67509.0	80289.0	91767.0	95634.0	99321.0	94754.5
25	Norway	58820	56682.0	65065	70759.0	70012.0	66934.0	61429.0	59068.0	58508.0	49774.0	94754.5
26	Poland	41834	41277.0	41061	41336.0	47131.0	46614.0	31977.0	86087.0	107038.0	127997.0	94754.5
27	Portugal	72826	61445.0	50747	45369.0	38537.0	33246.0	35265.0	37851.0	46921.0	61413.0	94754.5
28	Slovak Republic	7415	5141.0	4161	3751.0	2940.0	2475.0	2418.0	3774.0	3610.0	2911.0	2869.0
29	Slovenia	43772	24168.0	11321	17974.0	17277.0	15724.0	18374.0	19928.0	20028.0	27660.0	94754.5
30	Spain	567372	365367.0	330286	335893.0	272489.0	248350.0	264485.0	290005.0	352174.0	454424.0	94754.5
31	Sweden	83318	83763.0	79036	75852.0	82597.0	95361.0	106100.0	113868.0	142986.0	124976.0	94754.5
32	Switzerland	157271	132444.0	134171	142471.0	143783.0	155401.0	152106.0	150432.0	143100.0	137803.0	94754.5
33	Turkey	169167	153660.8	29905	158236.4	160102.4	171552.1	185351.2	213064.8	380921.0	466333.0	94754.5
34	United Kingdom	456000	430000.0	459000	453000.0	383000.0	406000.0	504000.0	481000.0	455000.0	520000.0	94754.5
35	United States	1107126	1130818.0	1042625	1062040.0	1031631.0	990553.0	1016518.0	1051031.0	1183505.0	1127167.0	94754.5

To perform other operations, we use commands from the ‘dplyr’ package

```
> install.packages("dplyr")
> library(dplyr)

> data<-data %>% rowwise() %>% mutate(Mean =
mean(c(X2008:X2018),na.rm=TRUE),Median =
median(c(X2008:X2018),na.rm=TRUE))
> new<-select(data,Country,Mean,Median)
> new
```

A new dataset is created which holds the mean and median of the entire dataset.

```
# A tibble: 35 x 3
   Country            Mean  Median
   <fct>             <dbl>   <dbl>
 1 Australia       195257  195257
 2 Austria          94561   94561
 3 Belgium         100384. 100384.
 4 Canada          170998. 170998.
 5 Chile            69166.  69166.
 6 Czech Republic   85452.  85452.
 7 Denmark          65886   65886
 8 Estonia          48342.  48342.
 9 Finland          57330   57330
10 France          155394  155394
11 Germany         334285  334285
12 Greece           68828.  68828.
13 Hungary          65150.  65150.
14 Iceland          51112.  51112.
15 Ireland          92227   92227
16 Israel           54228.  54228.
17 Italy           295652  295652
18 Japan           219632  219632
19 Korea           198464. 198464.
20 Latvia           49110.  49110.
21 Luxembourg       55778.  55778.
22 Mexico           55334.  55334.
23 Netherlands      99056.  99056.
24 New Zealand      79332   79332
25 Norway           76787   76787
26 Poland           68294   68294
27 Portugal         83790   83790
28 Slovak Republic   5142    5142
29 Slovenia         69263   69263
30 Spain           331064. 331064.
31 Sweden           89036   89036
32 Switzerland     126013  126013
33 Turkey          131961  131961
34 United Kingdom  275378. 275378.
35 United States   600940. 600940.
```

Adding the total and mean of all countries put together in a given year in the original dataset

```
> data1<-rbind(data,
data.frame(Country="Total",t(colSums(data[,-1]))))
> data2<-rbind(data1,
data.frame(Country="Mean",t(colMeans(data1[,-1]))))
> data2
```

	Country	X2008	X2009	X2010	X2011	X2012	X2013	X2014	X2015	X2016	X2017	X2018	Mean	Median
	<fct>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>
1	Australia	203874	219400	202212	206362	235993	244849	233908	223654	218488	224220	186640	195257	195257
2	Austria	94368	91660	96896	109921	125605	135228	154260	198658	158746	139329	94754.	94561	94561
3	Belgium	106012	102714	113582	117948	128948	117595	106345	128762	103187	109515	94754.	100384.	100384.
4	Canada	247242	252170	280686	248701	257763	259034	260283	271808	296385	286485	94754.	170998.	170998.
5	Chile	43577	35892	41431	50651	65247	84352	83549	101911	135490	221819.	94754.	69166.	69166.
6	Czech Republic	76151	38199	28046	20673	28607	27843	38490	31589	34808	43527	94754.	85452.	85452.
7	Denmark	37018	31957	33442	34572	35490	41342	49039	58695	54641	49046	94754.	65886	65886
8	Estonia	1929	2229	1199	1675	1107	1633	1347	7370	7693	9067	94754.	48342.	48342.
9	Finland	19906	18087	18212	20416	23334	23873	23647	21414	27274	23735	94754.	57330	57330
10	France	216033	211387	221784	228055	247036	251299	251767	242707	245663	245902	94754.	155394	155394
11	Germany	573815	606314	683529	841695	965908	1108068	1342529	2016241	1719075	1384018	94754.	334285	334285
12	Greece	42901	46534	33368	23206	17732	171552.	185351.	213065.	218771.	221819.	94754.	68828.	68828.
13	Hungary	35547	25582	23884	22514	20340	21250	26004	25787	23803	36453	94754.	65150.	65150.
14	Iceland	7471	3392	2988	2754	2827	3932	4348	4963	7859	11758	94754.	51112.	51112.
15	Ireland	89700	50700	23900	33700	37200	41000	43700	49300	53900	57200	94754.	92227	92227
16	Israel	13701	14574	16633	16892	16558	16884	24112	27908	25977	26357	94754.	54228.	54228.
17	Italy	496549	406725	424499	354327	321305	279021	248360	250465	262929	301071	94754.	295652	295652
18	Japan	344509	297092	287071	266867	303926	306742	336525	391160	427585	474996	94754.	219632	219632
19	Korea	302174	232844	293070	307249	300177	360473	407063	372935	402203	452657	94754.	198464.	198464.
20	Latvia	3465	2688	2790	2861	3666	3525	4501	4505	3448	5136	94754.	49110.	49110.
21	Luxembourg	16803	14635	15814	19108	19439	19797	21024	22608	21557	23147	94754.	55778.	55778.
22	Mexico	15913	23852	26180	21992	18153	62990	43481	34406	35906	32778	94754.	55334.	55334.
23	Netherlands	103356	104410	110235	118457	115678	122321	139348	159483	182160	183856	94754.	99056.	99056.
24	New Zealand	63910	60326	57618	60997	62045	67509	80289	91767	95634	99321	94754.	79332	79332
25	Norway	58820	56682	65065	70759	70012	66934	61429	59068	58508	49774	94754.	76787	76787
26	Poland	41834	41277	41061	41336	47131	46614	31977	86087	107038	127997	94754.	68294	68294
27	Portugal	72826	61445	50747	45369	38537	33246	35265	37851	46921	61413	94754.	83790	83790
28	Slovak Republic	7415	5141	4161	3751	2940	2475	2418	3774	3610	2911	2869	5142	5142
29	Slovenia	43772	24168	11321	17974	17277	15724	18374	19928	20028	27660	94754.	69263	69263
30	Spain	567372	365367	330286	335893	272489	248350	264485	290005	352174	454424	94754.	331064.	331064.
31	Sweden	83318	83763	79036	75852	82597	95361	106100	113868	142986	124976	94754.	89036	89036
32	Switzerland	157271	132444	134171	142471	143783	155401	152106	150432	143100	137803	94754.	126013	126013
33	Turkey	169167	153661.	29905	158236.	160102.	171552.	185351.	213065.	380921	466333	94754.	131961	131961
34	United Kingdom	456000	430000	459000	453000	383000	406000	504000	481000	455000	520000	94754.	275378.	275378.
35	United States	1107126	1130818	1042625	1062040	1031631	990553	1016518	1051031	1183505	1127167	94754.	600940.	600940.
36	Total	5920845	5378129.	5286447	5538274.	5603583.	6004322.	6487293.	7457270.	7656973.	7763670.	3316408.	4618624.	4618624.
37	Mean	328936.	298785.	293692.	307682.	311310.	333573.	360405.	414293.	425387.	431315.	184245.	256590.	256590.

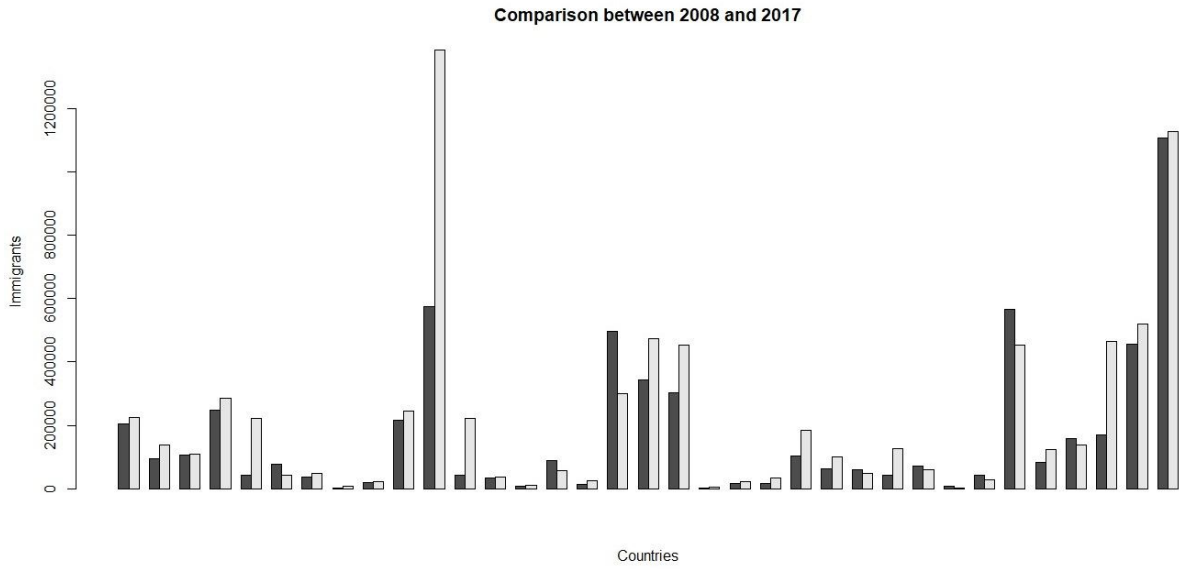
Summary

```
> summary(data)
          Country       X2008             X2009             X2010
 Australia      : 1   Min.   :   1929   Min.   :   2229   Min.   :   1199
 Austria        : 1   1st Qu.:  36283   1st Qu.:  24875   1st Qu.:  23892
 Belgium        : 1   Median :  76151   Median :  60326   Median :  50747
 Canada         : 1   Mean   : 169167   Mean   : 153661   Mean   : 151041
 Chile          : 1   3rd Qu.: 209954   3rd Qu.: 215394   3rd Qu.: 211998
 Czech Republic: 1   Max.   :1107126   Max.   :1130818   Max.   :1042625
 (Other)        :29
     X2011             X2012             X2013             X2014
 Min.   :   1675   Min.   :   1107   Min.   :   1633   Min.   :   1347
 1st Qu.:  21333   1st Qu.:  19890   1st Qu.:  25858   1st Qu.:  28991
 Median :  60997   Median :  65247   Median :  84352   Median :  83549
 Mean   : 158236   Mean   : 160102   Mean   : 171552   Mean   : 185351
 3rd Qu.: 217209   3rd Qu.: 241515   3rd Qu.: 246600   3rd Qu.: 241134
 Max.   :1062040   Max.   :1031631   Max.   :1108068   Max.   :1342529

     X2015             X2016             X2017             X2018
 Min.   :   3774   Min.   :   3448   Min.   :   2911   Min.   :  2869
 1st Qu.:  29749   1st Qu.:  31041   1st Qu.:  34616   1st Qu.: 94755
 Median : 101911   Median : 107038   Median : 124976   Median : 94755
 Mean   : 213065   Mean   : 218771   Mean   : 221819   Mean   : 94755
 3rd Qu.: 233181   3rd Qu.: 254296   3rd Qu.: 266194   3rd Qu.: 94755
 Max.   :2016241   Max.   :1719075   Max.   :1384018   Max.   :186640

      Mean             Median
 Min.   :  5142   Min.   :  5142
 1st Qu.: 65518   1st Qu.: 65518
 Median : 85453   Median : 85453
```

DESCRIPTIVE STATISTICS

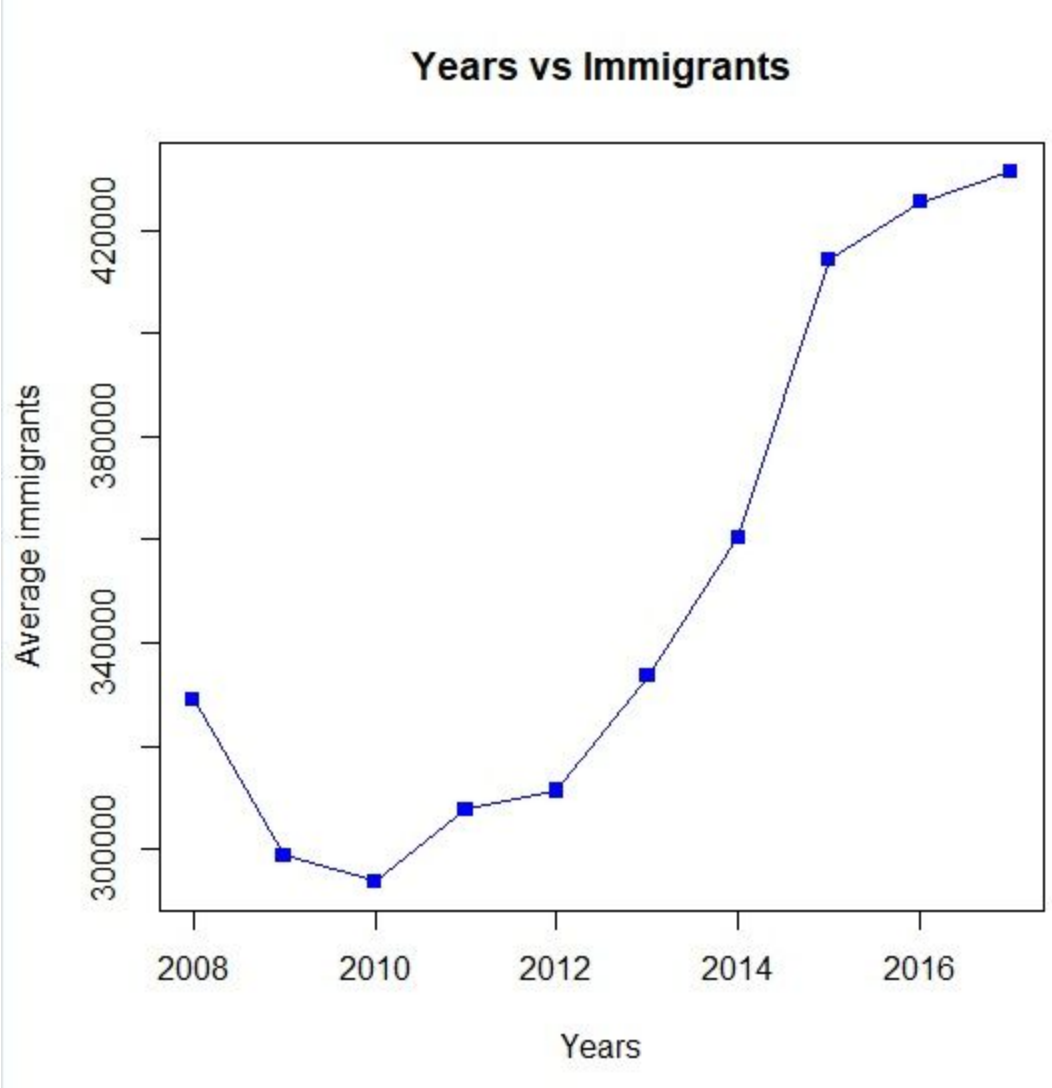
First, we analyse the difference in the number of immigrants between 2008 and 2017 for each of the countries in the specific order: Australia, Austria, Belgium, Canada, Chile, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, Korea, Latvia, Luxembourg, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom, United States

```
> an<-rbind(data$X2008, data$X2017)
> barplot(an, beside=T)
> barplot(an, beside=T,main="Comparison between 2008 and 2017", xlab="Countries",ylab="Immigrants")
```



The next analysis helps us gain a proper understanding of the total number of immigrants across the time span of ten years by taking a cumulative average across the sample 35 countries.

>plot (c (2008:2018), data2[37,2:12], type='o', col="blue", xlab="Years", ylab="Average immigrants", main="Years vs Immigrants",pch=15)



In order to further analyse the differences among some major Eastern and Western countries, a select few countries are picked from the entire set and calculations are based upon them.

Calculating mean of Western countries:

```
> wc<-c("Germany","United Kingdom", "United States", "Canada")
> west<-data2[data2$Country %in% wc ,]
> west2<-rbind(west,
data.frame(Country="MeanWest",t(colMeans(west[,-1]))))
> west2
```

	Country	X2008	X2009	X2010	X2011	X2012	X2013	X2014	X2015	X2016	X2017	X2018	Mean	Median
	<fct>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>
1	Canada	247242	252170	280686	248701	257763	259034	260283	271808	296385	286485	94754.	170998.	170998.
2	Germany	573815	606314	683529	841695	965908	1108068	1342529	2016241	1719075	1384018	94754.	334285	334285
3	United Kingdom	456000	430000	459000	453000	383000	406000	504000	481000	455000	520000	94754.	275378.	275378.
4	United States	1107126	1130818	1042625	1062040	1031631	990553	1016518	1051031	1183505	1127167	94754.	600940.	600940.
5	MeanWest	596046.	604826.	616460	651359	659576.	690914.	780832.	955020	913491.	829418.	94754.	345400.	345400.

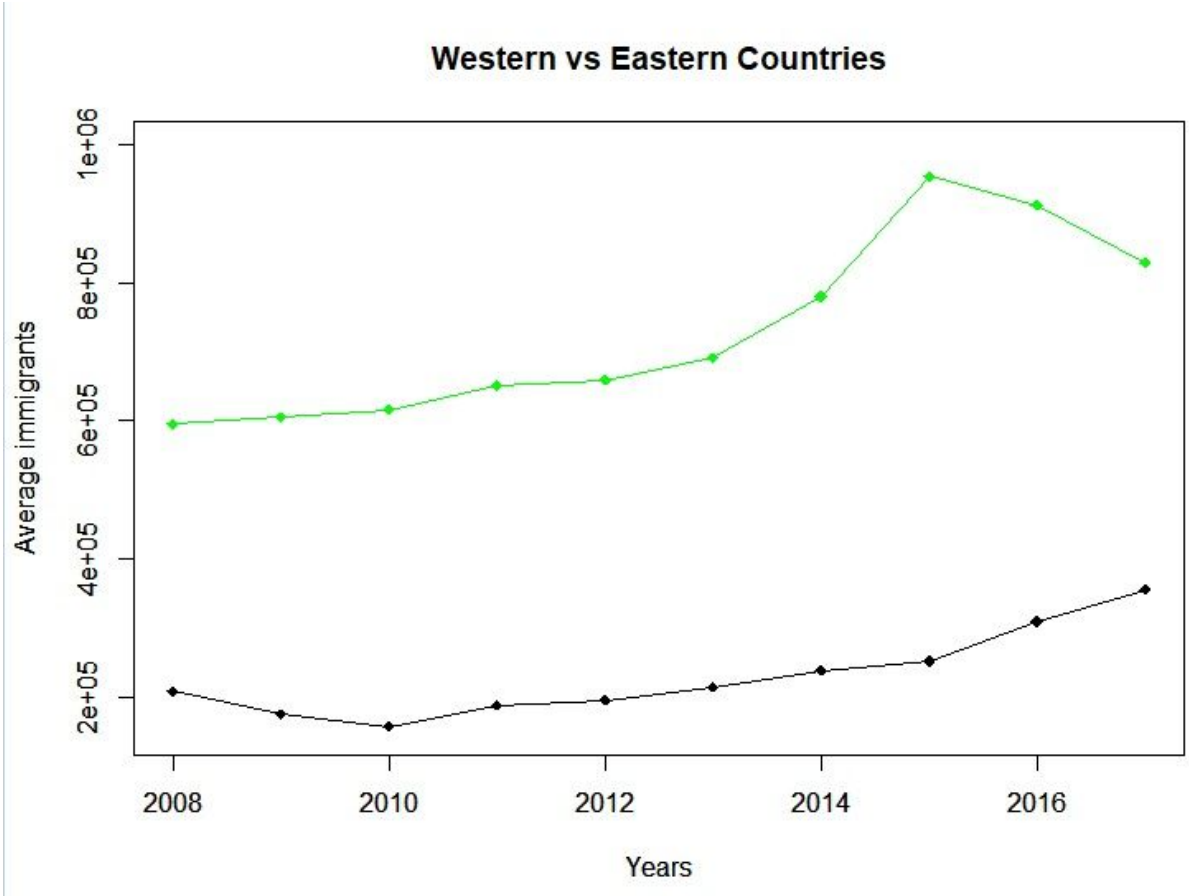
Calculating mean of Eastern countries:

```
> ec<-c("Japan","Korea","Israel","Turkey")
> east<-data2[data2$Country %in% ec ,]
> east2<-rbind(east,
data.frame(Country="MeanEast",t(colMeans(east[,-1]))))
> east2
```

	Country	X2008	X2009	X2010	X2011	X2012	X2013	X2014	X2015	X2016	X2017	X2018	Mean	Median
	<fct>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<dbl>
1	Israel	13701	14574	16633	16892	16558	16884	24112	27908	25977	26357	94754.	54228.	54228.
2	Japan	344509	297092	287071	266867	303926	306742	336525	391160	427585	474996	94754.	219632	219632
3	Korea	302174	232844	293070	307249	300177	360473	407063	372935	402203	452657	94754.	198464.	198464.
4	Turkey	169167	153661.	29905	158236.	160102.	171552.	185351.	213065.	380921	466333	94754.	131961	131961
5	MeanEast	207388.	174543.	156670.	187311.	195191.	213913.	238263.	251267.	309172.	355086.	94754.	151071.	151071.

This data is then plotted into graphs

```
>
plot(c(2008:2017),west2[5,2:11],type='o',col="green",xlab="Years",
ylab="Average immigrants",main="Western vs Eastern
Countries",pch=18,ylim=c(150000,1000000))
> par(new=TRUE)
>
plot(c(2008:2017),east2[5,2:11],type='o',col="black",xlab="Years",y
lab="Average immigrants",pch=18,ylim=c(150000,1000000))
```



CONCLUSIONS:

The first bar graph showcases how much the immigration rates have varied with regards to both specific countries, as well as within a time frame of 10 years.
Based on our initial analysis, the number of immigrants have, on the whole increased in the span of a decade. Germany has seen the highest rise in terms of preference, while Italy has become the least preferred location for permanent residence.
It also gives us a clear picture as to which countries are in general more inviting such as the United Kingdom and the United States; and also the countries which haven't grown in this aspect despite the duration of 10 years, like, Estonia and Finland.
It allows us to look at the entire research in a brief format and helps us proceed with further analysis.

The next plot gives us data on the average number of immigrants throughout the decade. Between 2008 to 2010, one can notice the fall in the immigrants, which tells us that not many people were willing to shift from their home countries. This trend however, completely changes in the following years as people are more open to settling down in their non-native countries.

The third analysis is conducted to prove the theory that Western countries in general, have greater migration countries than Eastern countries. From the beginning of time, i.e. 2008, Western countries

have always been preferred as suitable places for sustenance. The countries chosen to prove this theory include the United Kingdom, the United States, Germany and Canada; while the Eastern spectrum included Japan, Turkey, Israel and Korea.
As we observe the line graphs of the two, where Western countries are indicated with green while Eastern are indicated with black; the difference among them is blatant.
This can also be backed up looking at the mean immigrants of each of those countries for every year starting from 2008 to 2017, where the West has exorbitantly higher numbers than that of the East.

Thus, a detailed analysis of the rates of immigration across countries within a span of 10 years has been successfully concluded and their results recorded.