Analysis on Human Migration Pattern

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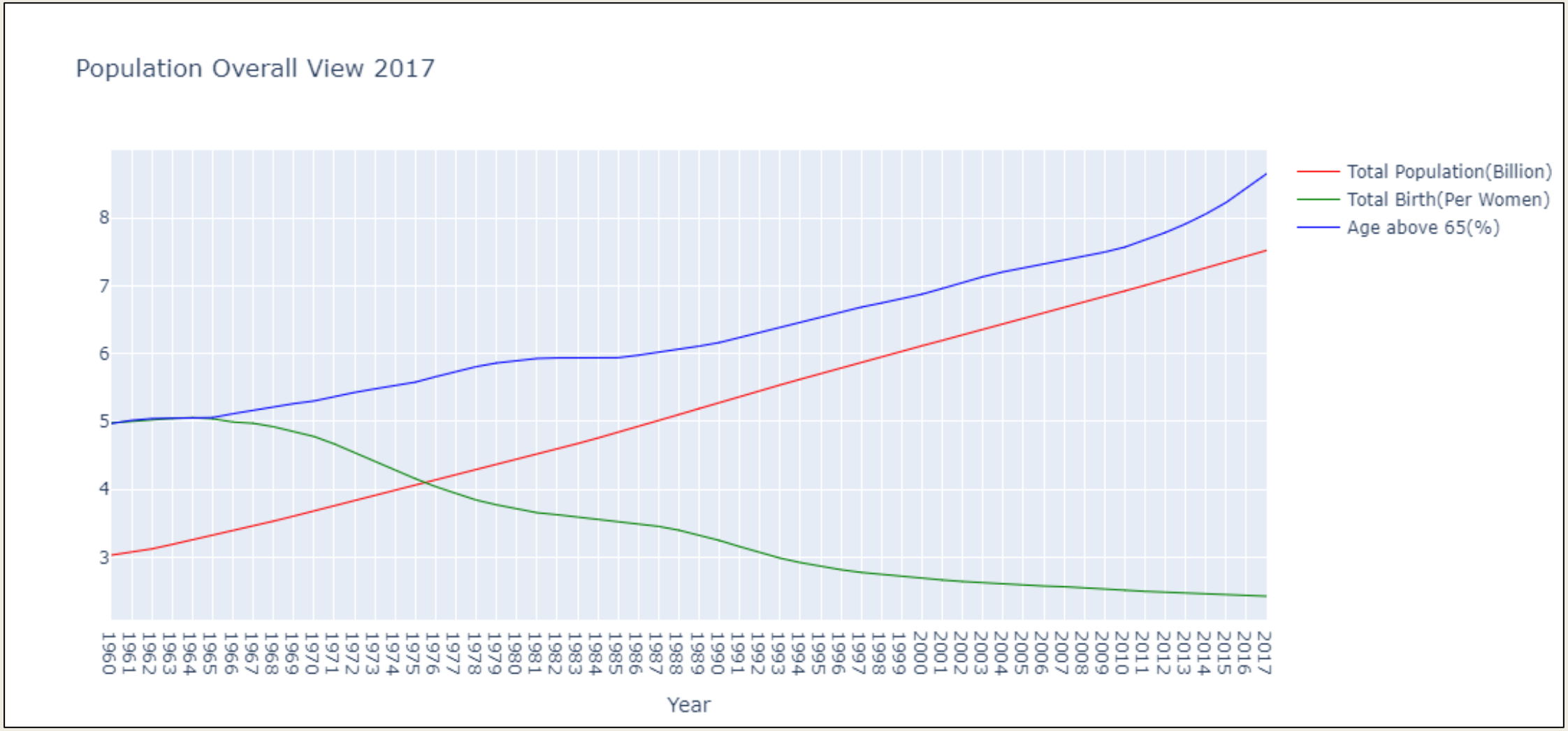
Population Overview

What is Population?

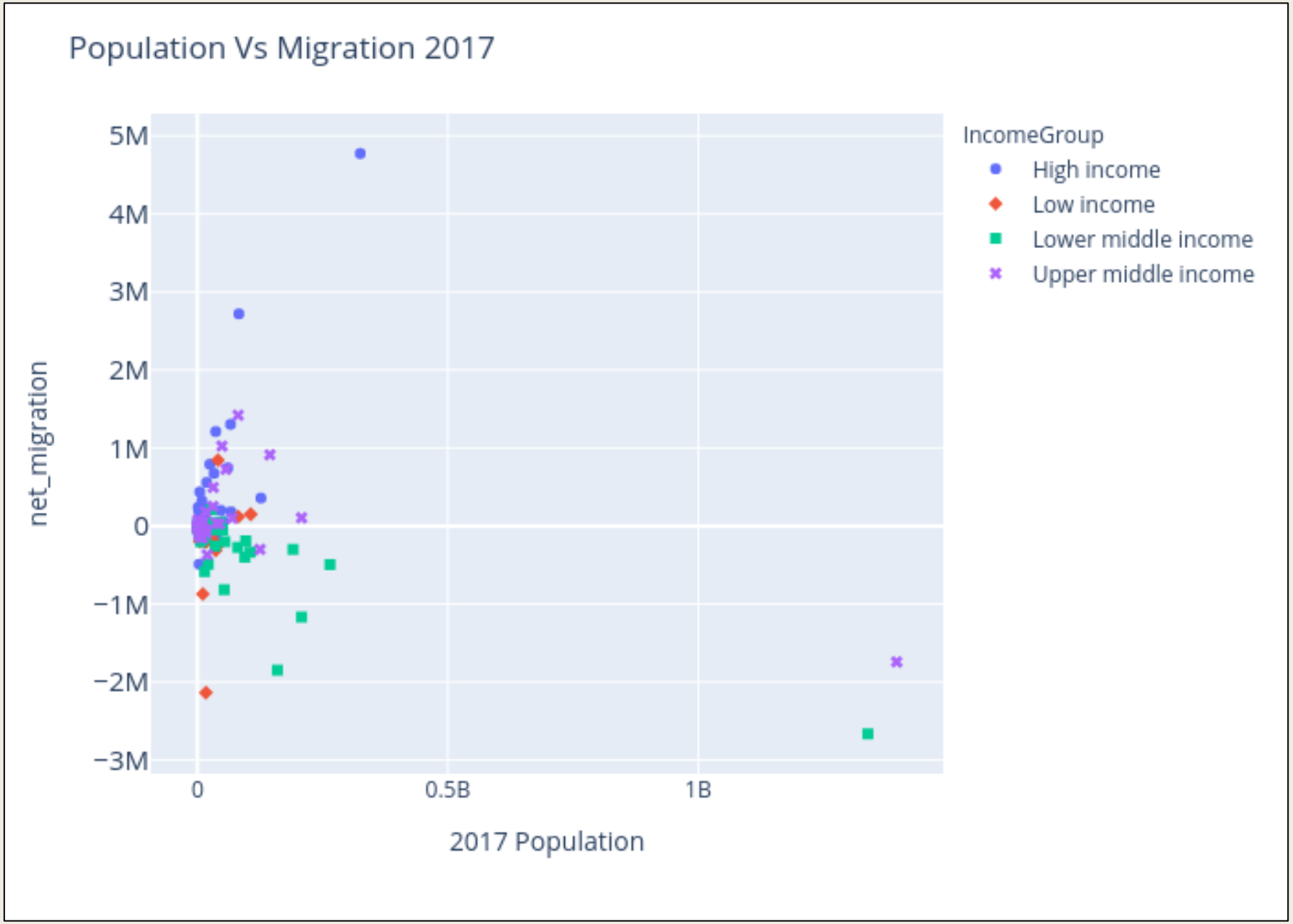
- Whole number of inhabitants occupying an area
- Continually being modified by increases (births and immigrations) and losses (deaths and emigrations).

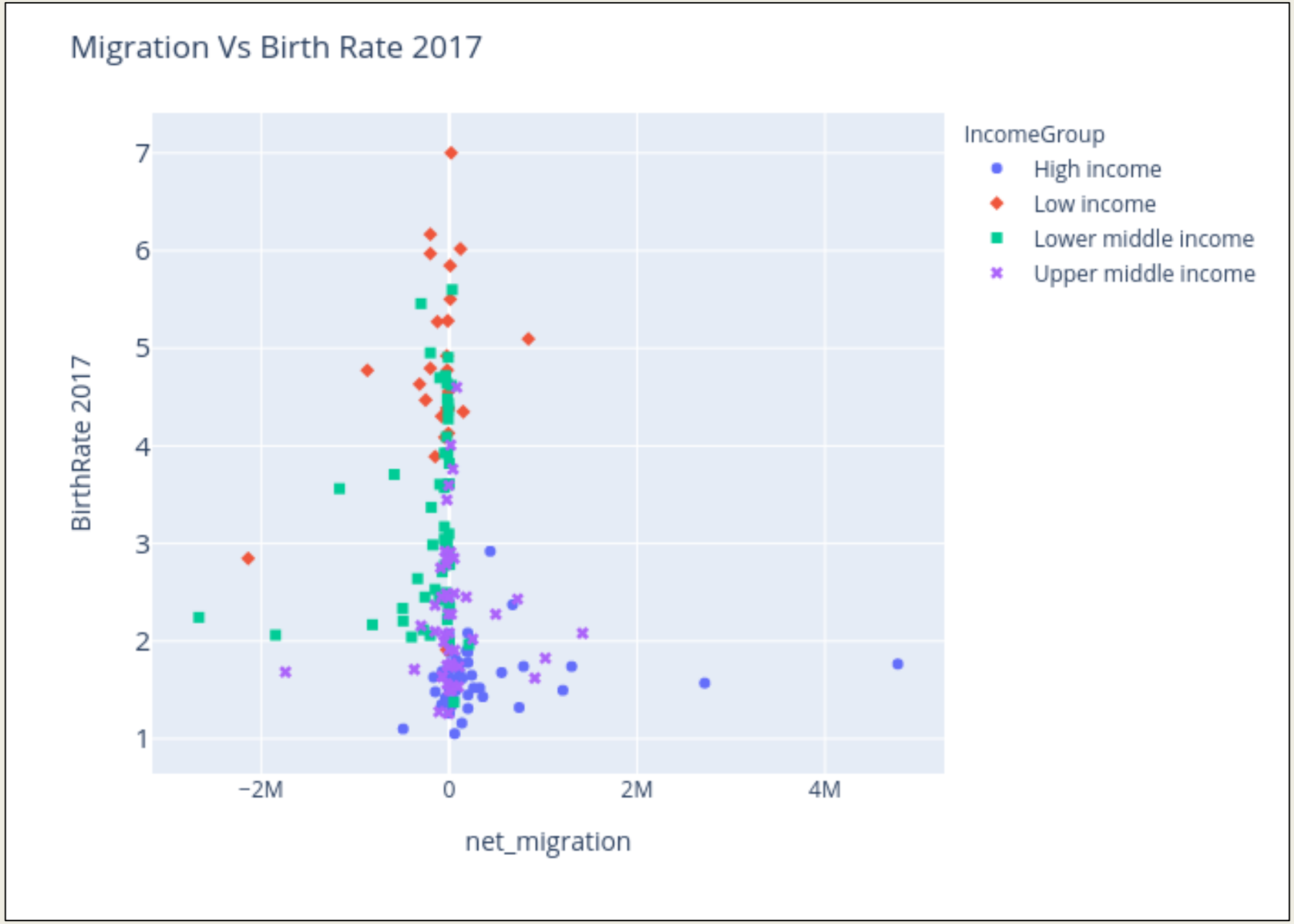


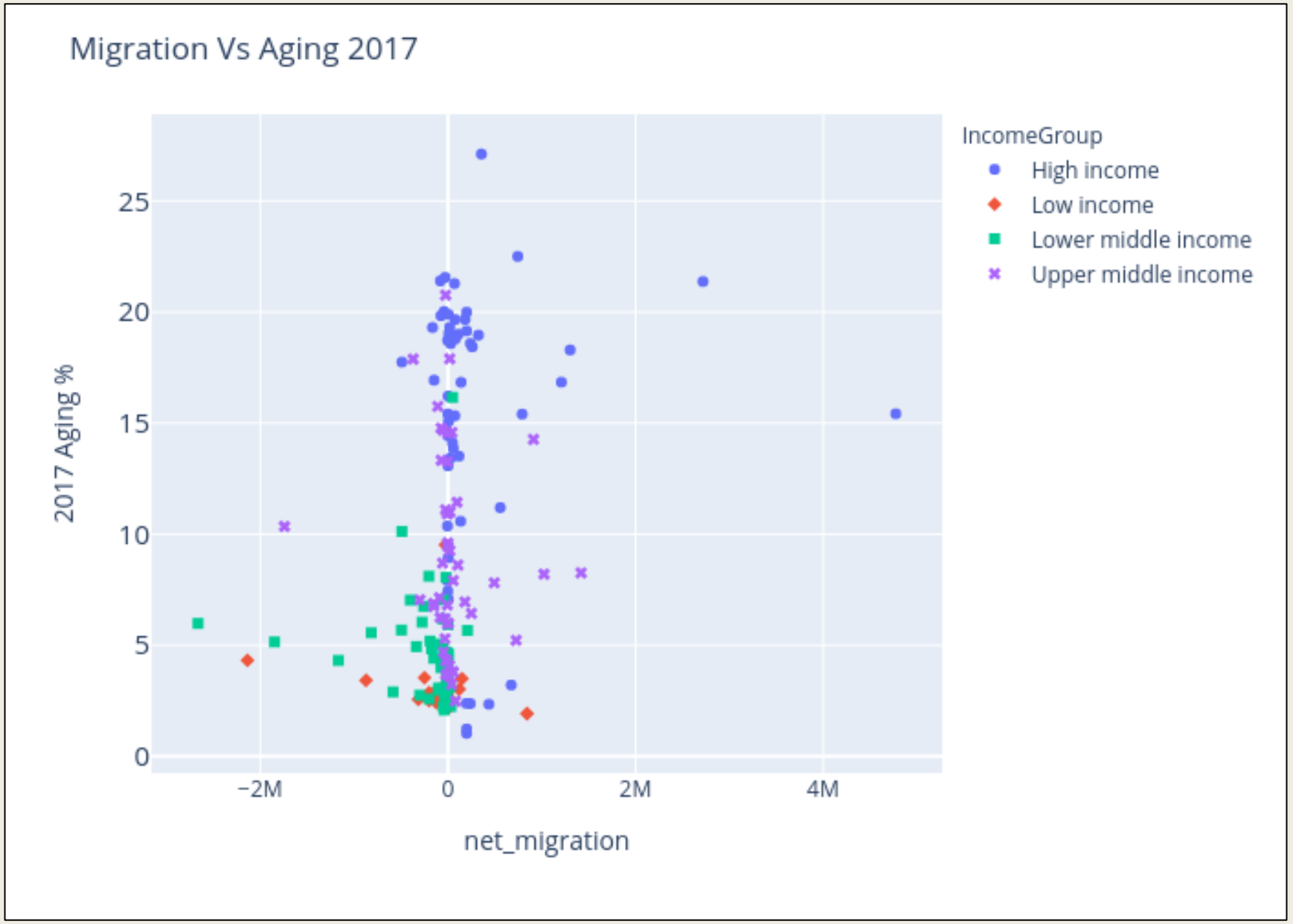
Total Population: 7.519183 Billion
Birth-rate: 2.427212
Aging: 8.648174%

What are the driving factor?

- Global average life expectancy
  - Medicine
  - Technology
  - General hygiene
- Decrease Fertility Rate
  - Lifestyle choice
  - Birth control is easily accessible
  - Late marriage
- **Migration**
  - Career Prospects
  - Higher Wages
  - Environment
  - Quality of life


Population Vs Migration 2017
5M
4M
3M
2M
1M
0
−1M
−2M
−3M
net_migration
0
0.5B
1B
2017 Population
IncomeGroup
High income
Low income
Lower middle income
Upper middle income


Migration Vs Birth Rate 2017
BirthRate 2017
7
6
5
4
3
2
1
−2M
0
2M
4M
net_migration
IncomeGroup
High income
Low income
Lower middle income
Upper middle income


Migration Vs Aging 2017
IncomeGroup
High income
Low income
Lower middle income
Upper middle income
2017 Aging %
25
20
15
10
5
0
−2M
0
2M
4M
net_migration

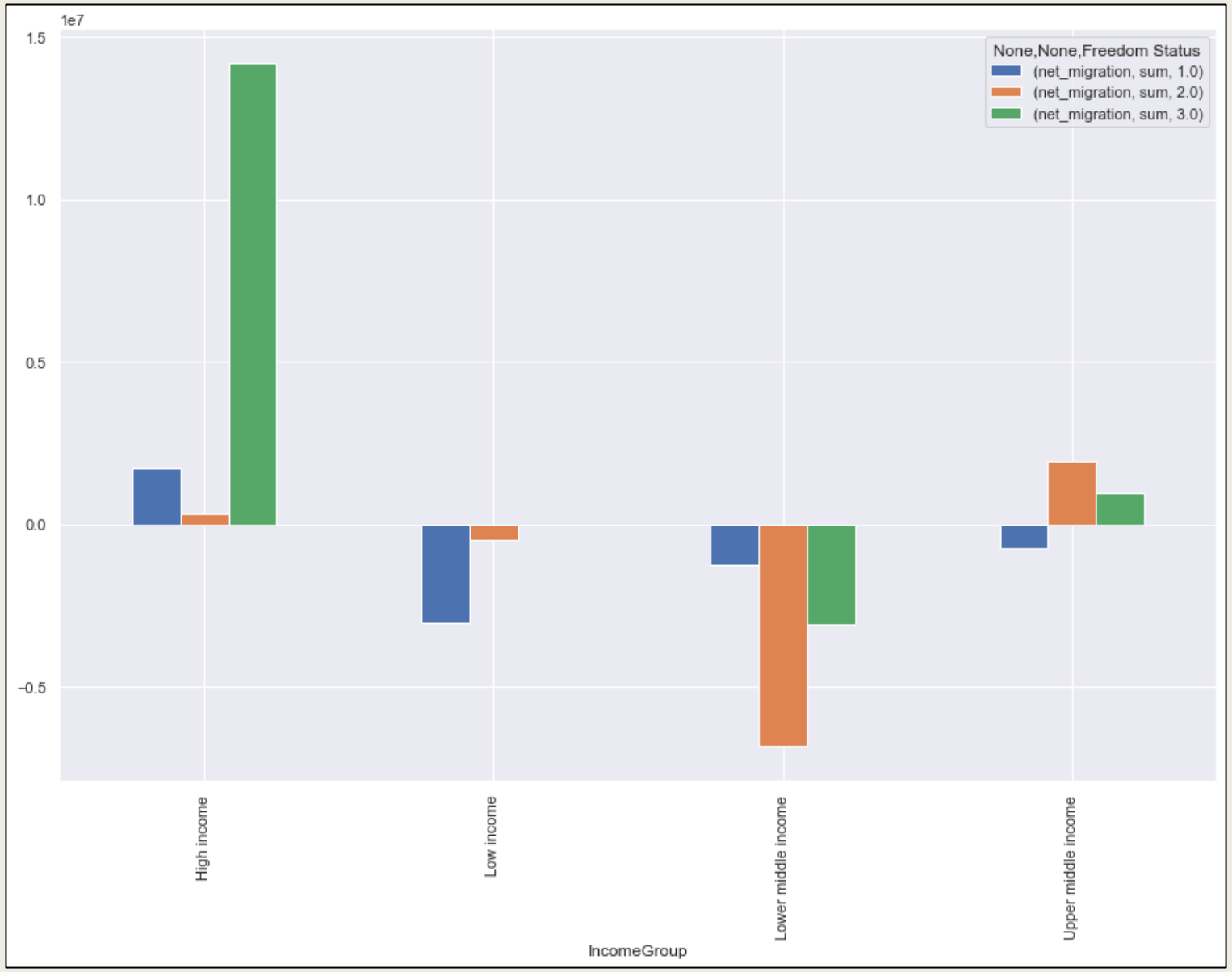
Observation

- Higher Income nation
  - Favourable for immigration
  - Low birth rate
  - Higher aging population
- Lower Income nation
  - Favourable for emigration
  - High birth rate
  - Low aging population
- Outliers
  - Poland and Puerto Rico (High income)
    - Negative immigrate
  - China (Higher middle income)
    - Negative immigrate
  - Uganda (Low income)
    - Positive immigrate

Other Contributing factor?

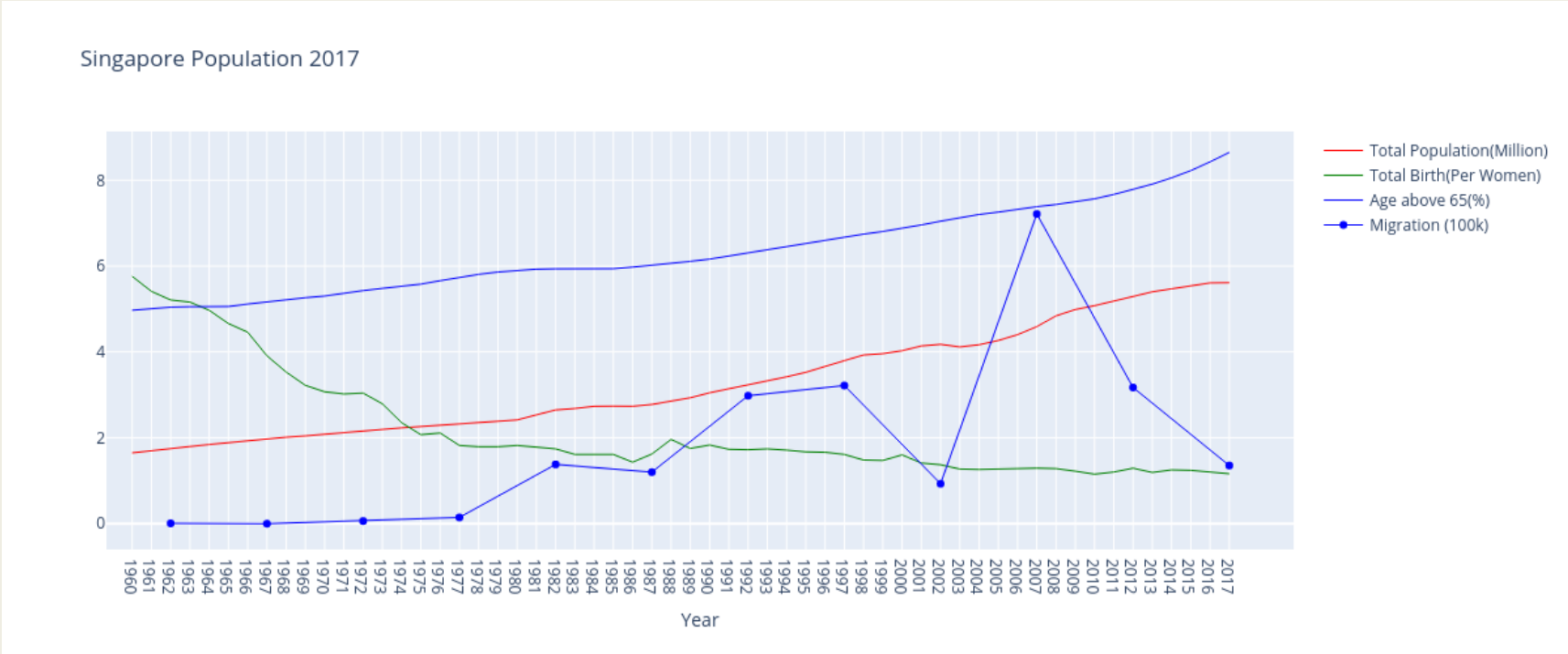
- Electoral Democracies
  - type of representative democracy based on election, on electoral vote, as modern occidental or liberal democracies. Also, electoral democracy can guaranteed to protect personal freedoms.
- Civil Liberties
  - rights guaranteed by the Constitution (primarily from the First Amendment). They have been described as natural rights which are inherent to each person.
- Political Rights
  - Political rights refer to an individual's ability to participate in the civil and political life of the society and state without fear of discrimination or repression, and is tied closely to citizenship status.
- **Freedom Status/Index**
  - presents the state of human freedom in the world based on a broad measure that encompasses personal, civil, and economic freedom.

Income/Freedom status vs Migration



What is Singapore position?

- High Income Nation
- Population
  - Rated 110 of 183
  - 5.6mil
- Birth-rate
  - Rated 180 of 183
  - 1.16 per woman
- Aging
  - Rated 58 of 183
  - 10.5% of population
- Immigration
  - Rated 31 of 183
  - 135.14k immigrates



Conclusion

- Country income is a main contribution factor to migration
  - Come with better job opportunity
- Freedom status play a secondary consideration
- High Migration does not improve in fertility rate
  - Worsen the aging population of the country

Thank you