Part 1 - The data contains Population by ethnicity, age and gender for the country of Singapore from the year 1957 to 2018. Link to the data: Singapore Residents Data

1. Identify the largest Ethnic group in Singapore. Their average population growth over the years and what proportion of the total population do they constitute.
2. Identify the largest age group in Singapore. Their average population growth over the years and what proportion of the total population do they constitute.
3. Identify the group (by age, ethnicity and gender) that:
    a. Has shown the highest growth rate
    b. Has shown the lowest growth rate
    c. Has remained the same
4. Plot a graph for population trends

Bonus Question: Do an exploratory analysis on the data and find out interesting insights.

Part 2 - The file here contains latitude-longitude information associated with different markers. You need to find out all of these latitude-longitude pairs, as well as the associated marker id with these pairs. Create a dataframe out of this, which has three columns - latitude, longitude and marker id.

For example, the text file will have strings like these:

```
var marker_9795626cfd584471ab4406d756a00baf = L.marker(
            [19.041691972000024, 72.85052482000003],
            {}
        ).addTo(feature_group_ad623471194f451d9f1cf7fc718747c5);
```

The marker id, here, would be - 9795626cfd584471ab4406d756a00baf
The latitude would be - 19.041691972000024
And the longitude would be - 72.85052482000003

You can use either R or Python for the analysis. Expected output in the form of either a markdown or Jupyter notebook.