# **Project Proposal**

## **Cross country data analysis**

### **Project Description**

Demographic data plays an important role where you would analyze the behavior of people with different background and regions. For this project, I would like to collect and analyze people’s data from different backgrounds using parameters like internet usage, birthrate, freedom, etc. The primary objective of this project is to understand the different factors that influence the people from different regions to migrate to other regions. Such data analysis will help to identify the socio-economic problems and overall growth of different countries.

According to (Damarys Canache, Matthew Hayes, Jeffery J. Mondak, Sergio C., 2013) “Economic, demographic and sociological factors hold dominant positions in most accounts of the intention to emigrate.” Reference: <https://doi.org/10.1016/j.jrp.2013.02.008>.

This research paper made me curious to investigate on this data analysis which is the basis for this project.

**Problem**

To analyze demographic data to understand how factors like freedom, happiness, income, etc. influence people’s life and their decision-making in immigration.

**Goal of visualization**

To represent the data for different regions using various parameters like happiness score, income group, birth rate, life expectancy, etc.

**Benefits of visualization**

The data visualization gives a clear understanding of the correlation between various parameters like freedom, happiness, income, immigration etc. It offers a great pictorial representation using bar graphs, pie charts, geo-maps, etc. Using this visualized representation, some conclusions can be drawn and measures for improvements can be made.

**Milestones**

I would like to collect data from various sources for the project requirement and then would plan about the questions that arise after looking at the data. Once the data preparation is done, I would move forward with the visualization of data using **Tableau**.

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| Project Proposal  **Sept 12** | Initial Study  **Sept 20** | Data Preparation &  Planning  **Sept 30** | Execute visualization  & Analysis  **Oct 15** | Preparation of presentation  **Nov 1** | Preparation of report  **Nov 15** | Project Presentation  **Nov 23** |

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**Dataset Links:**

World Demographics. (2020, November 28). Kaggle. <https://www.kaggle.com/hbao12/worlddemographics?select=P2-Demographic-Data.csv>

World Happiness Report up to 2020. (n.d.). Kaggle. <https://www.kaggle.com/mathurinache/world-happiness-report>

Emigration data up to 2020. (n.d.). OECD. <https://stats.oecd.org/Index.aspx?DataSetCode=MIG#>