# 1 INTRODUCTION

1.1 Overview

The world's population is increased now-a-days. Day by day growth of population is increased. Throughout the year it change simultaneously. According to population forecasting analysis males are more than females. In population analysis we can conclude that city proper consist more population than urban places. Due to growth of population environment get polluted and the large area was covered by the humans for their shelter. By the population electricity consumption is increased. Growth of population leads deforestation. It leads to scarcity of water. Now-a-days usage of vehicles increased by the population growth. By using vehicles air get polluted and cause traffic. The growth of population leads to extinction of the earth.

In this project we give brief explanation about this growth of population though empathy map and brainstroming. We registered what people think, say and feels about population growth. And we define problems about growth of population. We also given conclusion for this problem. Then through sql workbench we create schema called hotel\_radisson and we got output. After geting the output we able to know that our dataset is stored in sql work bench. After that we connect database in tableau to produce unique visualization which helps the people to understand the basic problems about growth of population in understandable way. We give the visualization according to the 1. Population records by the type of country - Map chart, 2. Population trends over the year - Line chart, 3. Population trends over the year by sex - line chart, 4.Cities with highest average population - Bar chart, 5. Countries with highest average population from 200-2014 - Tree chart. 6. Population by city - Pie chart, 6. Population of citied by year - Table chart.

After the visualization completed in tableau we have to make the dashboard as our whish. Then we have to write story about our visualization and the story consist of short explanation of our visualization. After writing the story in dashboard we have to use navigation between every dashboard to navigate with each dashboard. Next we have to publish our dashboard and story through the share option in tableau desktop. Then we have to collect some information about amount of data render for our database, Utilition of data filters, Number of calculation fields required and Number of visualization or graphs we done for our outputs. After publishing we also need to publish in web application. Next step of the project is to demonstrate the video about my project within four minutes. Atlast I have to prepare my project report template.

1.2 Purpose

The purpose of this project to get solution for the problem happened by the factors relates to the population. This project helps us to understand the problems by simple way. This project helps the person to think in all major factors about growth of population. It helps us to know about new factors related to population in new way. An uneducated people can also understand about this problem by our project.