1.Introduction

1.10verview

In the solution of any planning problem, the planner either makes an explicit forecast, or makes some implicit assumption about the population for which he is planning. "Population" includes much more than mere numbers of people. The planner must know what kind of people live in his planning area, what types of lives they lead, and would like to lead, how long they will live, and how long they will reside in the particular area; and who will replace them when they move out or die; how many children they will have (and would like to have under different conditions), whether these children will live in the area, and many other factors.

Many communities have installed facilities which have become useless because predicated on faulty estimates of future population, or they have failed to install facilities where justified by future population. A common example of such errors is the newly constructed school in an area where the population is aging rather than being replaced by young, child-bearing families. Sewer systems have been expensively developed only to be later replaced because the population soon was double or triple what was anticipated for the area.

1.2Purpose

The three leading causes of population growth are births, deaths, and migration.

Births and deaths are seen as **natural causes** of population change. The difference between a country's birth and death rates is known

as the **natural increase**, and by subtracting the death rate from the birth rate, you can calculate the natural increase.

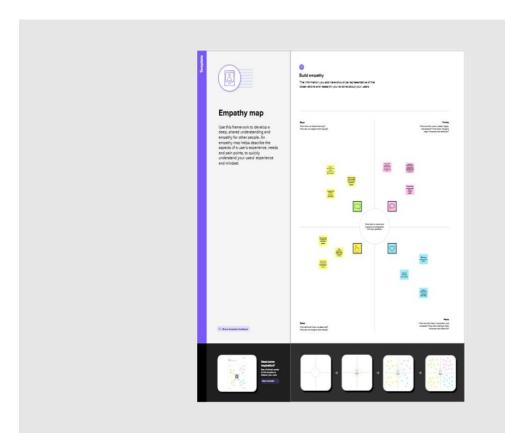
When the death rate is higher than the birth rate, there is a natural decrease in population.

When the birth rate is higher than the death rate, there is a natural increase in population.

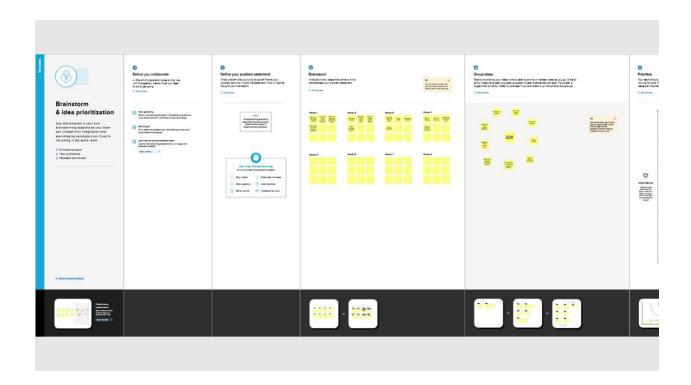
The rate of natural increase is given as a percentage, calculated by dividing the natural increase by 10. However, migration can change the balance between the birth rate and death rate as people can **immigrate** and enter the country and **emigrate** and leave the country.

2. Problem Definitions & Design Thinking

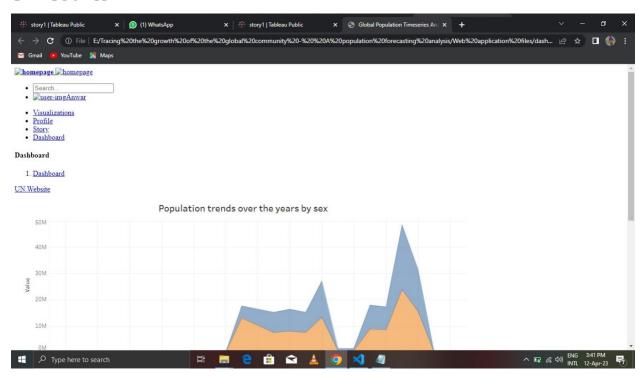
2.1 Empathy Map

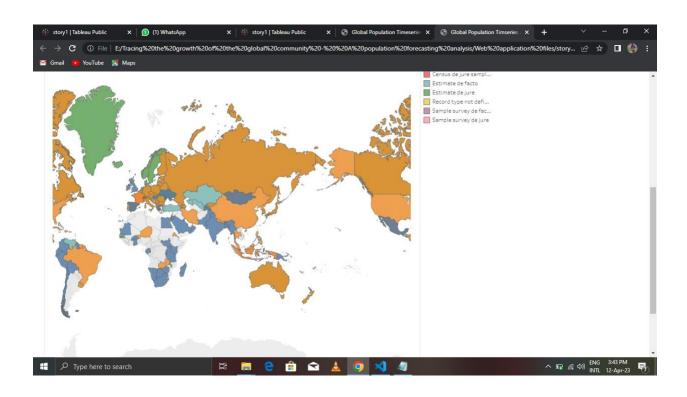


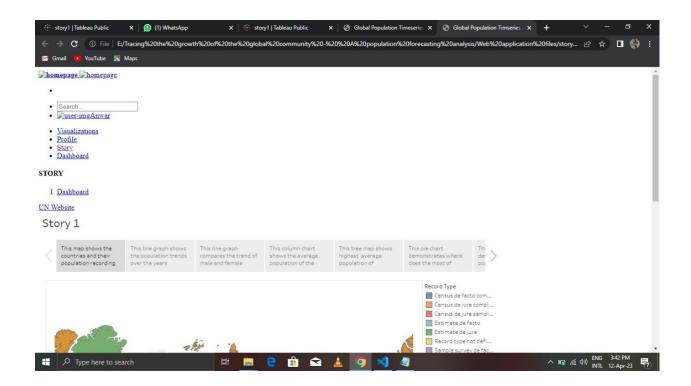
2.2 Ideation & Brainstorming Map

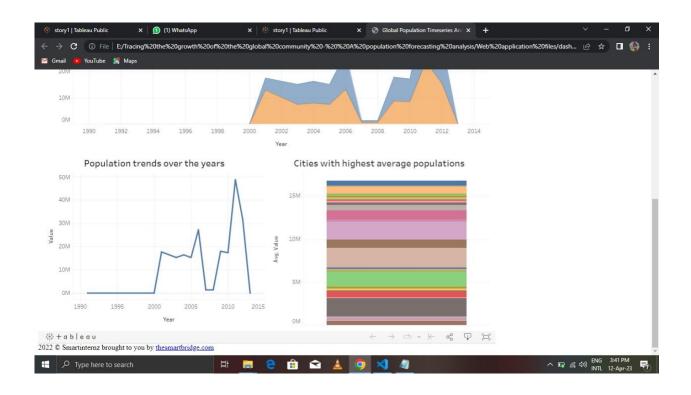


3.Results









4.Advantages & Disadvantages

4.1 Advantages

- 1. More people leads to greater human capital. If there are more people, the probability of finding a genius like Einsterin, Marie Curie, Beethoven increase. These exceptional people can lead to technological and cultural masterpieces which enrich our lives. The past 200 years have shown exponential growth in technical development and innovation. There are many factors behind this, but the world's growing population means we have a bigger pool of human capital and the possibility of these cutting edge discoveries increase.
- **2. Higher economic growth**. Population growth will lead to economic growth with more people able to produce more goods. It will lead to higher tax revenues which can be spent on public goods, such as health care and environmental projects.
 - The obvious evaluation is to say, the crucial thing is not GDP, but GDP per capita. If economic growth is at the same rate as population growth, average living standards will not increase. However, it is possible population growth can also improve per capita incomes. As the population increases, the economy can benefit from a bigger talent pool, economies of scale and greater specialisation. All this can enable higher per capita income, which we have seen in major developed economies.
- **3. Economies of scale**. Farming and industry have been able to benefit from economies of scale, which means as the population grows, food output and manufacturing output have been able to grow

even faster than population growth. For example, at the turn of the nineteenth century, Thomas Malthus predicted population growth would lead to famine as we would be unable to feed the growing population. However, his dire predictions failed to materialise because he failed to understand, that the productivity of land, labour and capital could all increase more than proportionately. 300 years ago, most of the population worked on the land. Technological innovation and economies of scale, mean productivity of land has vastly increased as farmers make use of mechanisation and economies of scale for increased food production.

4. The efficiency of higher population density. In terms of per capita carbon footprint, areas with a high population density are significantly more efficient than rural areas and places with a low population. When people live in densely populated areas, they are more likely to use public transport, live in apartment buildings which are easier to heat. In big cities, transport and the delivery of goods is much more efficient, whereas for low population densities, the average cost and environmental footprint are much higher.

4.2 Disadvantages

- **1. Cost to the environment.** Population growth exacerbates many of the existing environmental problems.
 - Trying to reduce carbon and methane emissions to reduce global warming is relatively more difficult as the population. There will be greater threat on natural habitats as a greater population has greater demand for housing and farmland. This will increase pressure to cut down forests to make way for farming and housing.

- Higher population will lead to a greater consumption of nonrenewable resources, leading to a faster depletion of natural resources.
- Higher population will lead to greater pollution levels in air, water and land. Higher pollution is associated with a range of health issues, such as cancer and asthma. The pollution also harms animals and plants.
- 2. Congestion. Too many people in a small space will lead to various types of congestion. Road congestion is a major problem across the world. One study suggested congestion cost the EU €111bn (1% of GDP) in 2012. With population growth, the costs of congestion will only increase leading to time lost, more pollution and lost output.
- 3. Water shortages. Already up to 40% of the world's population face water scarcity and the risk of drought. According to the UN water shortages could lead to 700 million people at the risk of displacement. A growing population will put pressure on scarce water supplies and this is a factor behind many minor and major conflicts with countries having to find ways around the shortage of water.
- 4. Generating unsustainable waste. We are currently generating non-biodegradable rubbish that we are struggling to process. It tends to end in landfill, causing methane emissions and other toxic problems.

5.Application

There are some applications associated with population growth, including, human evolution studies, the population growth is helped to study and observe the advancements in both anatomy and physiology.

A growing population can be a result of many advantageous or beneficial traits or characteristics.

Population growth or any kind of evolution in a population can also provide information on how the species changed and evolved with time.

In the case of pest control, the uses of pesticides also affect the pests to modify genetically, so they can increase their population in the presence of pesticides.

Population growth also plays a vital role in the prediction of the endangered and/or threatened species or organisms and one can determine their numbers that are present today.

6.Conclusion

Overpopulation may lead to many issues like depletion of natural resources, environmental pollution and degradation and loss of surroundings. All countries must take immediate steps to control and manage human population growth.

Rapid population growth is detrimental to achieving economic and social progress and to sustainable management of the natural resource base. But there remains a sizeable gap between the private and social interest in fertility reduction, and this gap needs to be narrowed. Policies and programs that influence health, education, the status of women, and the economic value of children in turn influence attitudes toward childbearing, family planning, and people's ability to control family size. Efforts to reduce fertility through explicit population policies, therefore, should be integrated with policies to improve health, education, and the status of women.

The venous components of human resource development programs are strongly synergistic Family planning is more readily accepted when education levels are high and when mortality—and, in particular, third mortality—is low. Healthy children are more likely to attend school. C lean water and sanitation are more beneficial if combined with health education and nutrition education. Educated mothers are more likely to have fewer and healthier children. These human resource development efforts also have positive effects on agricultural productivity and, hence, on food security. This, in turn, stimulates demand for fewer children. Improvements in human resource development are therefore critical in multiple ways for long-term sustainable development.

7. Future Scope

The scope of demand forecasting depends upon the operated area of the firm, present as well as what is proposed in the future. Forecasting can be at an international level if the area of operation is international. If the firm supplies its products and services in the local market then forecasting will be at local level .

The scope should be decided considering the time and cost involved in relation to the benefit of the information acquired through the study of demand. Cost of forecasting and benefit flows from such forecasting should be in a balanced manner.

Macro-level forecasting: It deals with the general economic environment relating to the economy as measured by the Index of Industrial Production(IIP), national income and general level of employment, etc.

Industry level forecasting: Industry level forecasting deals with the demand for the industry's products as a whole. For example demand for cement in India, demand for clothes in India, etc.

Firm-level forecasting: It means forecasting the demand for a particular firm's product. For example, demand for Birla cement, demand for Raymond clothes, etc.

8.Appendix

```
STORY
```

```
<!DOCTYPE html>
<html dir="ltr" lang="en">
```

```
<head>
   <meta charset="utf-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <!-- Tell the browser to be responsive to screen width -->
   <meta name="viewport" content="width=device-width, initial-scale=1">
   <meta name="keywords"</pre>
       content="wrappixel, admin dashboard, html css dashboard, web
dashboard, bootstrap 5 admin, bootstrap 5, css3 dashboard, bootstrap 5
dashboard, Ample lite admin bootstrap 5 dashboard, frontend, responsive
bootstrap 5 admin template, Ample admin lite dashboard bootstrap 5 dashboard
template">
   <meta name="description"</pre>
       content="Ample Admin Lite is powerful and clean admin dashboard
template, inpired from Bootstrap Framework">
   <meta name="robots" content="noindex,nofollow">
   <title>Global Population Timseries Analysis</title>
   <link rel="canonical" href="https://www.wrappixel.com/templates/ample-</pre>
admin-lite/" />
   <!-- Favicon icon -->
   <link rel="icon" type="image/png" sizes="16x16"</pre>
href="plugins/images/favicon.png">
   <!-- Custom CSS -->
  <link href="css/style.min.css" rel="stylesheet">
   <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media
queries -->
   <!-- WARNING: Respond.js doesn't work if you view the page via file:// --
   <!--[if lt IE 9]>
   <script
src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>
src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></script>
<![endif]-->
</head>
<body>
   <!-- Preloader - style you can find in spinners.css -->
   <div class="preloader">
       <div class="lds-ripple">
          <div class="lds-pos"></div>
          <div class="lds-pos"></div>
       </div>
   </div>
   <!-- Main wrapper - style you can find in pages.scss -->
   <div id="main-wrapper" data-layout="vertical" data-navbarbg="skin5" data-</pre>
sidebartype="full"
      data-sidebar-position="absolute" data-header-position="absolute"
data-boxed-layout="full">
      <!-- Topbar header - style you can find in pages.scss -->
```

```
->
    <header class="topbar" data-navbarbg="skin5">
       <nav class="navbar top-navbar navbar-expand-md navbar-dark">
         <div class="navbar-header" data-logobg="skin6">
            <!--
<!-- Logo -->
            <!--
-->
           <a class="navbar-brand" href="dashboard.html">
              <!-- Logo icon -->
              <br/>
<br/>
doclass="logo-icon">
                 <!-- Dark Logo icon -->
                 <img src="plugins/images/logo-icon3.jpg"</pre>
alt="homepage" />
              </b>
              <!--End Logo icon -->
              <!-- Logo text -->
              <span class="logo-text">
                 <!-- dark Logo text -->
                 <img src="plugins/images/logo-text5.png"</pre>
alt="homepage" />
              </span>
            </a>
            <!--
-->
            <!-- End Logo -->
            <!--
<!-- toggle and nav items -->
<a class="nav-toggler waves-effect waves-light text-dark</pre>
d-block d-md-none"
              href="javascript:void(0)"><i class="ti-menu ti-</pre>
close"></i></a>
         </div>
         <!--
<!-- End Logo -->
         <!--
<div class="navbar-collapse collapse"</pre>
id="navbarSupportedContent" data-navbarbg="skin5">
            <a class="nav-toggler nav-link waves-effect</pre>
waves-light text-white"
                   href="javascript:void(0)"><i class="ti-menu"</pre>
ti-close"></i></a>
              <!--
____ ___ ___
```

```
<!-- Right side toggle and nav items -->
          <!--
 <!--
<!-- Search -->
            <!--
-->
            class=" in">
              <form role="search" class="app-search d-none d-</pre>
md-block me-3">
                 <input type="text" placeholder="Search..."</pre>
class="form-control mt-0">
                 <a href="" class="active">
                   <i class="fa fa-search"></i></i>
                 </a>
              </form>
            <!--
<!-- User profile and search -->
            <!--
<1i>>
              <a class="profile-pic" href="#">
                 <ima
src="plugins/images/users/smartinternz thumb.png" alt="user-img" width="36"
                   class="img-circle"><span class="text-</pre>
white font-medium">Anwar</span></a>
            < ! --
     <!-- User profile and search -->
            <!--
_____ -->
          </div>
      </nav>
    </header>
    ->
    <!-- End Topbar header -->
    ->
    ->
    <!-- Left Sidebar - style you can find in sidebar.scss -->
    <aside class="left-sidebar" data-sidebarbg="skin6">
      <!-- Sidebar scroll-->
      <div class="scroll-sidebar">
        <!-- Sidebar navigation -->
        <nav class="sidebar-nav">
```

```
<!-- User Profile-->
                  <a class="sidebar-link waves-effect waves-dark">
sidebar-link" href="dashboard.html"
                        aria-expanded="false">
                        <i class="far fa-clock" aria-</pre>
hidden="true"></i>
                        <span class="hide-menu">Visualizations</span>
                     </a>
                  <a class="sidebar-link waves-effect waves-dark">

sidebar-link" href="profile.html"
                        aria-expanded="false">
                        <i class="fa fa-user" aria-hidden="true"></i>
                        <span class="hide-menu">Profile</span>
                     </a>
                  <a class="sidebar-link waves-effect waves-dark">
sidebar-link" href="story.html"
                        aria-expanded="false">
                        <i class="fa fa-table" aria-</pre>
hidden="true"></i>
                        <span class="hide-menu">Story</span>
                     </a>
                  <a class="sidebar-link waves-effect waves-dark">

sidebar-link" href="dash1.html"
                        aria-expanded="false">
                        <i class="fa fa-table" aria-</pre>
hidden="true"></i>
                        <span class="hide-menu">Dashboard</span>
                     </a>
                  </nav>
            <!-- End Sidebar navigation -->
         <!-- End Sidebar scroll-->
      </aside>
      <!-- End Left Sidebar - style you can find in sidebar.scss -->
      ->
      <!-- Page wrapper -->
      ->
      <div class="page-wrapper">
```

```
<!--
<!-- Bread crumb and right sidebar toggle -->
        <!--
           ==========
        <div class="page-breadcrumb bg-white">
           <div class="row align-items-center">
              <div class="col-lg-3 col-md-4 col-sm-4 col-xs-12">
                 <h4 class="page-title"> STORY</h4>
              </div>
              <div class="col-lg-9 col-sm-8 col-md-8 col-xs-12">
                 <div class="d-md-flex">
                    <a href="#" class="fw-
normal">Dashboard</a>
                    <a href="https://www.un.org/development/desa/pd/"</pre>
target=" blank"
                      class="btn btn-danger d-none d-md-block
pull-right ms-3 hidden-xs hidden-sm waves-effect waves-light text-white">UN
                      Website</a>
                 </div>
              </div>
           </div>
           <!-- /.col-lg-12 -->
        </div>
        <!--
<!-- End Bread crumb and right sidebar toggle -->
        <!--
< ! --
<!-- Container fluid -->
        <!--
-->
        <div class="container-fluid">
           <!--
<!-- Start Page Content -->
           <!--
<div class='tableauPlaceholder' id='viz1674236179404'</pre>
style='position: relative'>
           <noscript><a href='#'>
              <img alt='Story 1 '</pre>
src='https://public.tableau.com/static/images/popu
lation_story/Story1/1_rss.png' style='border: none' />
              </a></noscript><object class='tableauViz'
style='display:none;'><param name='host url'</pre>
value='https%3A%2F%2Fpublic.tableau.com%2F' />
              <param name='embed_code_version' value='3' />
              <param name='site root' value='' />
              <param name='name' value='population story&#47;Story1' />
              <param name='tabs' value='no' />
              <param name='toolbar' value='yes' />
```

```
<param name='static image'</pre>
value='https://public.tableau.com/static/images/po/po
pulation story/Story1/1.png' />
            <param name='animate transition' value='yes' />
            <param name='display static image' value='yes' />
            <param name='display spinner' value='yes' />
            <param name='display overlay' value='yes' />
            <param name='display count' value='yes' />
            <param name='language' value='en-US' />
            <param name='filter' value='publish=yes' />
            </object></div>
            <script type='text/javascript'>
             var divElement =
document.getElementById('viz1674236179404');
                    var vizElement =
divElement.getElementsByTagName('object')[0];
vizElement.style.width='1016px';vizElement.style.height='991px';
                              var scriptElement =
document.createElement('script');
                                 scriptElement.src =
'https://public.tableau.com/javascripts/api/viz v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
           </script>
         <!--
<!-- End PAge Content -->
<!--
<!-- Right sidebar -->
         <!--
<!-- .right-sidebar -->
         <!--
-->
         <!-- End Right sidebar -->
</div>
       <!--
<!-- End Container fluid -->
       <!--
<!--
<!-- footer -->
       <!--
<footer class="footer text-center"> 2022 © Smartinternz brought
to you by <a
```

```
href="https://www.thesmartbridge.com/">thesmartbridge.com</a>
        </footer>
        <!--
<!-- End footer -->
</div>
     <!-- End Page wrapper -->
     </div>
  <!-- End Wrapper -->
  <!-- All Jquery -->
  <script
src="plugins/bower components/jquery/dist/jquery.min.js"></script>
  <!-- Bootstrap tether Core JavaScript -->
  <script src="bootstrap/dist/js/bootstrap.bundle.min.js"></script>
  <script src="js/app-style-switcher.js"></script>
  <!--Wave Effects -->
  <script src="js/waves.js"></script>
  <!--Menu sidebar -->
  <script src="js/sidebarmenu.js"></script>
  <!--Custom JavaScript -->
  <script src="js/custom.js"></script>
</body>
</html>
DASHBOARD
<!DOCTYPE html>
<html dir="ltr" lang="en">
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <!-- Tell the browser to be responsive to screen width -->
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta name="keywords"</pre>
     content="wrappixel, admin dashboard, html css dashboard, web
dashboard, bootstrap 5 admin, bootstrap 5, css3 dashboard, bootstrap 5
dashboard, Ample lite admin bootstrap 5 dashboard, frontend, responsive
bootstrap 5 admin template, Ample admin lite dashboard bootstrap 5 dashboard
template">
  <meta name="description"</pre>
     content="Ample Admin Lite is powerful and clean admin dashboard
template, inpired from Bootstrap Framework">
  <meta name="robots" content="noindex, nofollow">
```

```
<title>Global Population Timeseries Analysis</title>
   <link rel="canonical" href="https://www.wrappixel.com/templates/ample-</pre>
admin-lite/" />
   <!-- Favicon icon -->
   <link rel="icon" type="image/png" sizes="16x16"</pre>
href="plugins/images/favicon.png">
   <!-- Custom CSS -->
   <link href="plugins/bower components/chartist/dist/chartist.min.css"</pre>
rel="stylesheet">
   <link rel="stylesheet" href="plugins/bower components/chartist-plugin-</pre>
tooltips/dist/chartist-plugin-tooltip.css">
   <!-- Custom CSS -->
   <link href="css/style.min.css" rel="stylesheet">
</head>
<body>
   <!-- Preloader - style you can find in spinners.css -->
   <div class="preloader">
      <div class="lds-ripple">
         <div class="lds-pos"></div>
         <div class="lds-pos"></div>
      </div>
   </div>
   <!-- Main wrapper - style you can find in pages.scss -->
   <div id="main-wrapper" data-layout="vertical" data-navbarbg="skin5" data-</pre>
sidebartype="full"
      data-sidebar-position="absolute" data-header-position="absolute"
data-boxed-layout="full">
     ->
      <!-- Topbar header - style you can find in pages.scss -->
      <header class="topbar" data-navbarbg="skin5">
         <nav class="navbar top-navbar navbar-expand-md navbar-dark">
           <div class="navbar-header" data-logobg="skin6">
              <!--
<!-- Logo -->
               <!--
<a class="navbar-brand" href="dashboard.html">
                  <!-- Logo icon -->
                  <br/>b class="logo-icon">
                     <!-- Dark Logo icon -->
                     <img src="plugins/images/logo-icon3.jpg"</pre>
alt="homepage" />
                  </b>
                  <!--End Logo icon -->
                  <!-- Logo text -->
                  <span class="logo-text">
                     <!-- dark Logo text -->
```

```
<img src="plugins/images/logo-text5.png"</pre>
alt="homepage" />
            </span>
          </a>
          <!--
<!-- End Logo -->
          <!--
______ -->
<!-- toggle and nav items -->
          <!--
<a class="nav-toggler waves-effect waves-light text-dark">
d-block d-md-none"
            href="javascript:void(0)"><i class="ti-menu ti-</pre>
close"></i></a>
        </div>
        <!--
<!-- End Logo -->
        <!--
<div class="navbar-collapse collapse"</pre>
id="navbarSupportedContent" data-navbarbg="skin5">
          <!--
<!-- Right side toggle and nav items -->
            <!--
<!-- Search -->
            <!--
class=" in">
              <form role="search" class="app-search d-none d-</pre>
md-block me-3">
                <input type="text" placeholder="Search..."</pre>
class="form-control mt-0">
                <a href="" class="active">
                  <i class="fa fa-search"></i></i>
                </a>
              </form>
            <!--
 <!-- User profile and search -->
            <!--
<a class="profile-pic" href="#">
```

```
<imq
src="plugins/images/users/smartinternz thumb.png" alt="user-img" width="36"
                          class="img-circle"><span class="text-</pre>
white font-medium">Anwar</span></a>
                 <!--
<!-- User profile and search -->
                 <!--
-->
              </div>
        </nav>
     </header>
     ->
     <!-- End Topbar header -->
     ->
     <!-- Left Sidebar - style you can find in sidebar.scss -->
     <aside class="left-sidebar" data-sidebarbg="skin6">
        <!-- Sidebar scroll-->
        <div class="scroll-sidebar">
           <!-- Sidebar navigation-->
           <nav class="sidebar-nav">
              <!-- User Profile-->
                 <a class="sidebar-link waves-effect waves-dark">
sidebar-link" href="dashboard.html"
                       aria-expanded="false">
                       <i class="far fa-clock" aria-</pre>
hidden="true"></i>
                       <span class="hide-menu">Visualizations</span>
                    </a>
                 <a class="sidebar-link waves-effect waves-dark"><a class="sidebar-link waves-effect waves-dark">
sidebar-link" href="profile.html"
                       aria-expanded="false">
                       <i class="fa fa-user" aria-hidden="true"></i></i>
                       <span class="hide-menu">Profile</span>
                    </a>
                 <a class="sidebar-link waves-effect waves-dark">

sidebar-link" href="story.html"
                       aria-expanded="false">
                       <i class="fa fa-table" aria-</pre>
hidden="true"></i>
                       <span class="hide-menu">Story</span>
                    </a>
```

```
<a class="sidebar-link waves-effect waves-dark">
sidebar-link" href="dash1.html"
                      aria-expanded="false">
                      <i class="fa fa-table" aria-</pre>
hidden="true"></i>
                      <span class="hide-menu">Dashboard</span>
                   </a>
                <!-- <li>class="text-center p-20 upgrade-btn">
href="https://www.wrappixel.com/templates/ampleadmin/"
                      class="btn d-grid btn-danger text-white"
target=" blank">
                      Upgrade to Pro</a>
                </nav>
           <!-- End Sidebar navigation -->
        </div>
        <!-- End Sidebar scroll-->
     </aside>
     ->
     <!-- End Left Sidebar - style you can find in sidebar.scss -->
     ->
     ->
     <!-- Page wrapper -->
     <div class="page-wrapper">
<!-- Bread crumb and right sidebar toggle -->
        <!--
-->
        <div class="page-breadcrumb bg-white">
           <div class="row align-items-center">
              <div class="col-lg-3 col-md-4 col-sm-4 col-xs-12">
                <h4 class="page-title">Dashboard</h4>
              </div>
              <div class="col-lg-9 col-sm-8 col-md-8 col-xs-12">
                <div class="d-md-flex">
                   <a href="#" class="fw-
normal">Dashboard</a>
                   <a href="https://www.un.org/development/desa/pd/"</pre>
target=" blank"
                      class="btn btn-danger d-none d-md-block
pull-right ms-3 hidden-xs hidden-sm waves-effect waves-light text-white">UN
```

```
Website</a>
                   </div><div class='tableauPlaceholder'
id='viz1681337840408' style='position: relative'><noscript><a href='#'><img
alt='Dashboard 1 '
src='https://public.tableau.com/static/images/st/stor
y1 16802557417540/ Dashboard1/1 rss.png' style='border: none'
/></a></noscript><object class='tableauViz' style='display:none;'><param
name='host_url' value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param</pre>
name='embed code version' value='3' /> <param name='site root' value=''</pre>
/><param name='name' value='story1 16802557417540&#47;Dashboard1' /><param
name='tabs' value='no' /><param name='toolbar' value='yes' /><param</pre>
name='static image'
value='https://public.tableau.com/static/images/st/st
ory1 16802557417540/Dashboard1/1.png' /> <param
name='animate transition' value='yes' /><param name='display static image'</pre>
value='yes' /><param name='display_spinner' value='yes' /><param</pre>
name='display overlay' value='yes' /><param name='display count' value='yes'</pre>
/><param name='language' value='en-US' /></object></div>
<script type='text/javascript'>
                                         var divElement =
document.getElementById('viz1681337840408');
vizElement = divElement.getElementsByTagName('object')[0];
if ( divElement.offsetWidth > 800 ) {
vizElement.style.width='1000px';vizElement.style.height='827px';} else if (
divElement.offsetWidth > 500 ) {
vizElement.style.width='1000px';vizElement.style.height='827px';} else {
vizElement.style.width='100%';vizElement.style.height='927px';}
var scriptElement = document.createElement('script');
scriptElement.src = 'https://public.tableau.com/javascripts/api/viz v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
</script>
                </div>
             </div>
             <!-- /.col-lg-12 -->
         </div>
_____ -->
         <!-- End Bread crumb and right sidebar toggle -->
-->
         <!--
<!-- Container fluid -->
         <!--
<div class="container-fluid">
            <!--
<!-- Three charts -->
            <!--
<!--
<!-- PRODUCTS YEARLY SALES -->
```

```
<!--
<!-- RECENT SALES -->
      <!--
<!-- <h3 class="box-title mb-0">Trend</h3> --
      <!--
<!-- Recent Comments -->
-->
<!-- End Container fluid -->
     <!--
<!--
____ ___ ___
     <!-- footer -->
     <!--
<footer class="footer text-center"> 2022 © Smartinternz brought
to you by <a
href="https://www.thesmartbridge.com/">thesmartbridge.com</a>
     </footer>
     <!--
<!-- End footer -->
     <!--
-->
   </div>
   ->
   <!-- End Page wrapper -->
   </div>
 <!-- End Wrapper -->
 <!-- All Jquery -->
 <script
src="plugins/bower components/jquery/dist/jquery.min.js"></script>
 <!-- Bootstrap tether Core JavaScript -->
 <script src="bootstrap/dist/js/bootstrap.bundle.min.js"></script>
 <script src="js/app-style-switcher.js"></script>
 <script src="plugins/bower components/jquery-</pre>
sparkline/jquery.sparkline.min.js"></script>
 <!--Wave Effects -->
```