Tracing the Growth of Global Community:Population Forecasting Analysis

1.INTRODUCTION

1.1 Overview

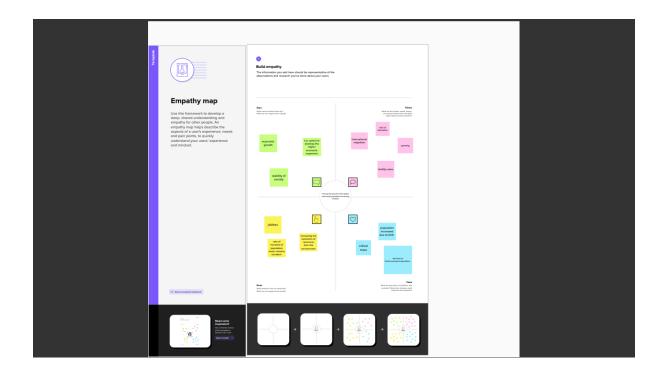
The world's population is more than three times larger than it was in the mid-twentieth century. The global human population reached 8.0 billion in mid-November 2022 from an estimated 2.5 billion people in 1950, adding 1 billion people since 2010 and 2 billion since 1998. The world's population is expected to increases by nearly 2 billion persons in the next 30 years. from the current 8 billion to 9.7 billion in 2050 and could peak at nearly 10.4 billion in the mid-2080s.

1.2 Purpose

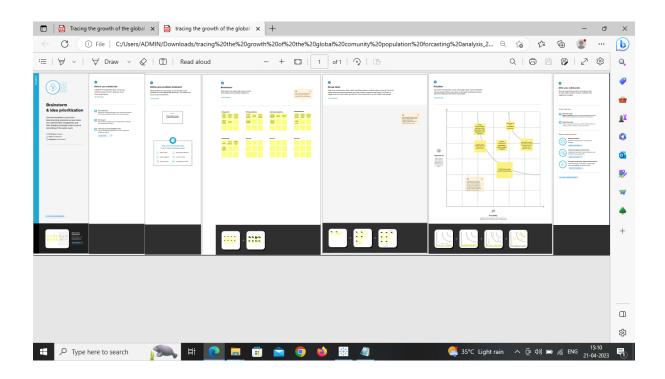
This dramatic growth has been driven largely by increasing numbers of people surviving to reproductive age, the gradual increase in human lifespan, increasing urbanization, and accelerating migration. Major changes in fertility rate have accompanied this growth. These trends will have far-reaching implications for generations to come.

2. Problem Definition & Design Thinking

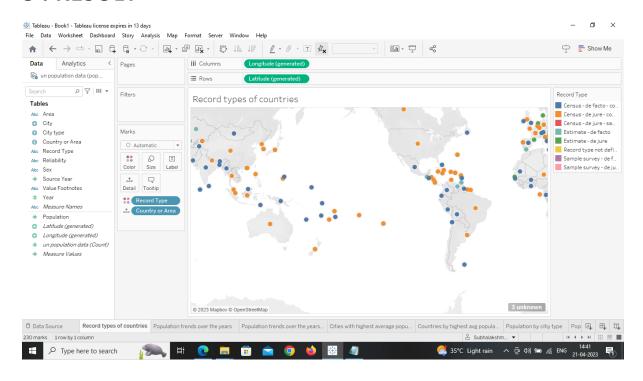
2.1 Empathy Map

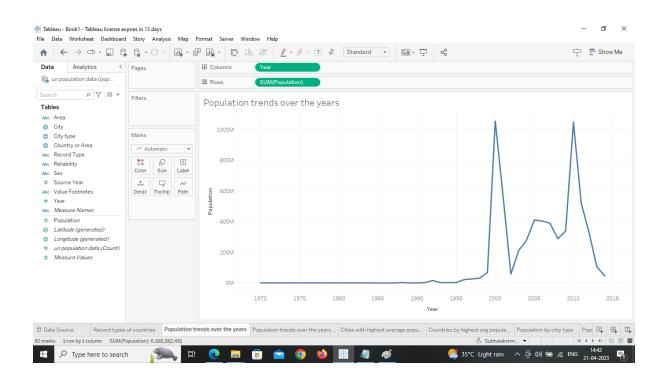


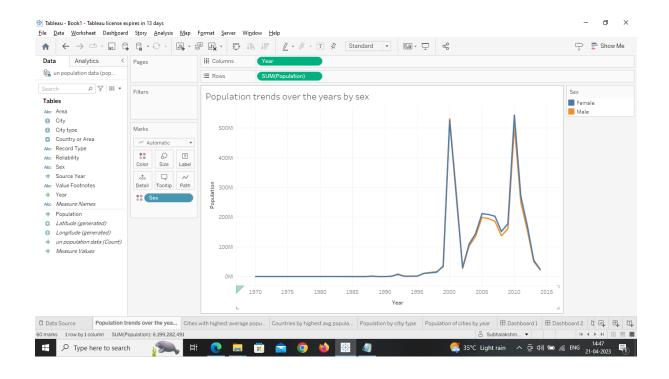
2.2 Ideation & Brainstorming Map

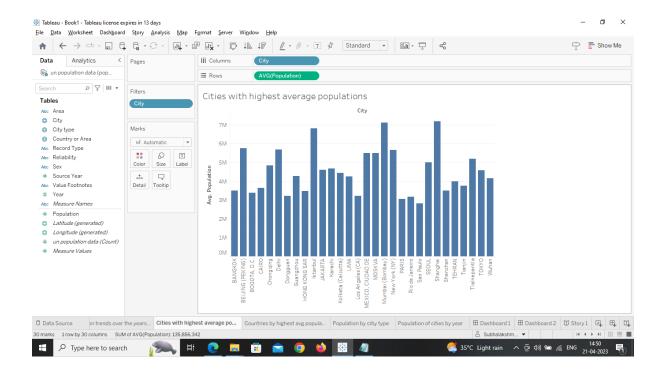


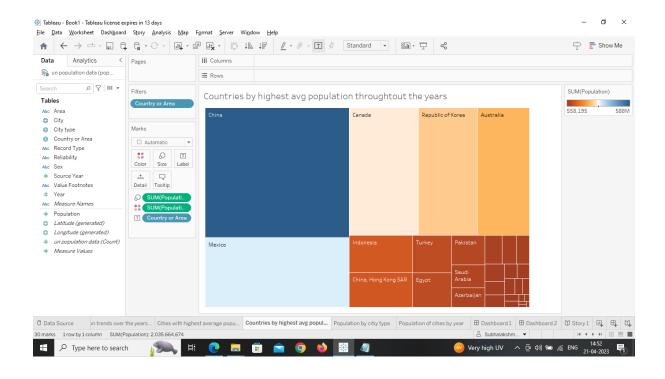
3. RESULT

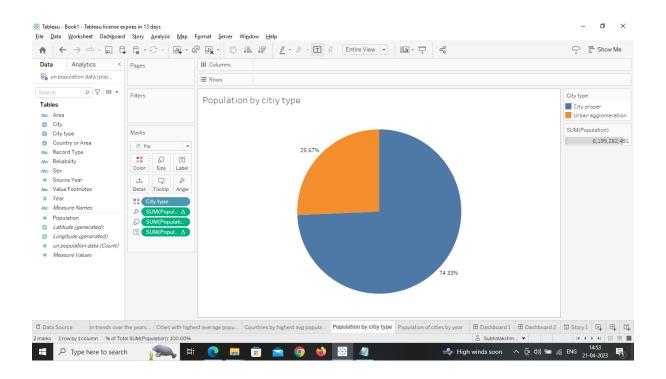


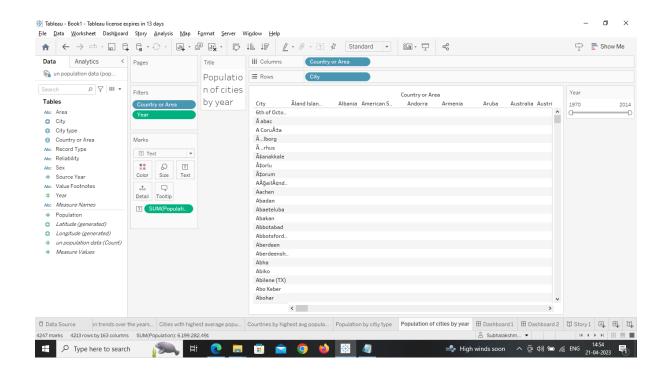


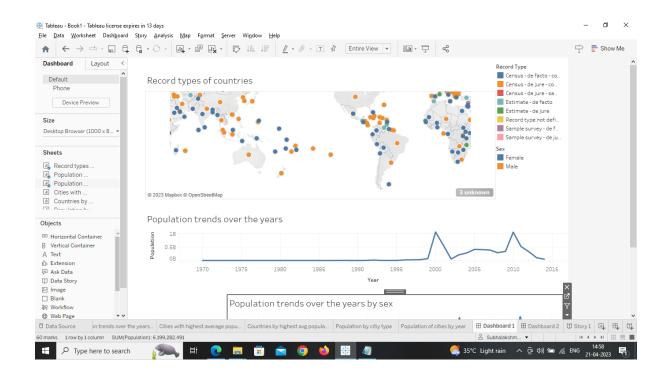


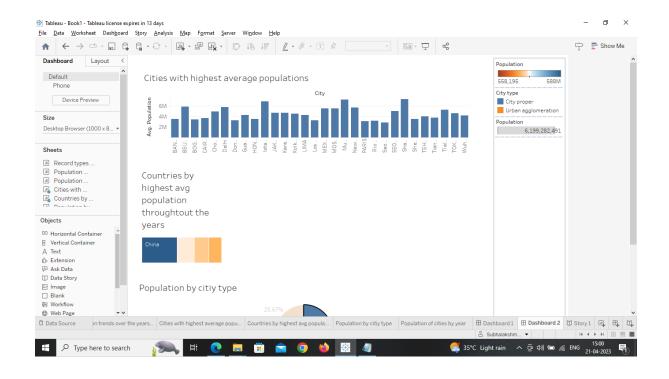


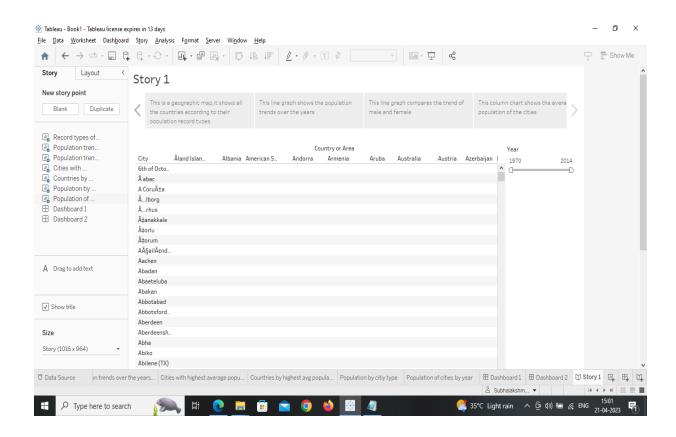












4. ADVANTAGES & DISADVANTAGES

The business requirements for 'Tracing the growth of global community' includes

- 1) Accurate data on population growth demographics for multiple countries and regions .
- 2) The ability to analyze and forecast population growth trends over a specific time period.
- 3)The ability to identify key factors influencing Population growth and demographic changes.
- 4)The ability to precent the data and analysis in a clear and visually appealing format, such as charts and graphs

5. APPLICATIONS

Social Impact:

Improve the infrastructure and strategies through which the cities could manage the population

6.CONCLUSION

Business Model/Impact:

By understanding population growth trends and demographics, a business can make more informed decisions about where to invest resources and expand operations

7.FUTURE SCOPE

A population projection gives a picture of what the future size and structure of the population by sex and age might look like.It is based on knowledge of the past trends,and, for the future,on assumptions made for three components:Fertility,Mortality and Migration.

8.APPENDIX

A.Source Code

```
<!DOCTYPE html>
<html 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>Ample Template by WrapPixel</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="https://wrappixel.com/demos/free-admin-templates/all-lite-</pre>
landing-pages/dist/css/style.css"
        rel="stylesheet">
    <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media
    <!-- 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>
    <!-- Main wrapper -->
    <div id="main-wrapper">
        <!-- Header part -->
        <header class="py-3 bg-white">
            <div class="container">
                <!-- Start Header -->
                <div class="header">
                    <nav class="navbar navbar-expand-md navbar-light px-0">
                         <a class="navbar-brand" href="#">
                             <img src="https://wrappixel.com/demos/free-admin-</pre>
templates/all-lite-landing-pages/assets/images/logos/ample-logo--lp-dark.png"
                                 alt="logo">
                                 <img src="https://wrappixel.com/demos/free-</pre>
admin-templates/all-lite-landing-pages/assets/images/logos/ample-logo-text-lp-
dark.png"
                                     alt="logo">
                             </span>
                        </a>
                        <button class="navbar-toggler" type="button" data-</pre>
toggle="collapse"
                             data-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent"
                             aria-expanded="false" aria-label="Toggle
navigation">
                             <span class="navbar-toggler-icon"></span>
                        </button>
```

```
<div class="collapse navbar-collapse"</pre>
id="navbarSupportedContent">
                          href="https://wrappixel.com/templates/ample-admin-lite/"
                                     class="btn btn-custom btn-outline-info
btn-lg" target="_blank">Free Download</a>
                              href="https://www.wrappixel.com/templates/ampleadmin/?ref=33"
                                     class="btn btn-custom btn-info btn-lg"
target="_blank">Check Pro Version</a>
                          </div>
                  </nav>
               </div>
               <!-- End Header -->
           </div>
       </header>
       <!-- Header part -->
       <!-- Page wrapper part -->
       <div class="content-wrapper">
           <!-- Demos part -->
           <section class="spacer bg-light">
               <div class="container">
                  <div class="row justify-content-md-center pt-5">
                      <div class="col-md-9 text-center">
                          <h2 class="text-dark">Create Userfriendly
Interface for your <span
                                 class="fw-bold">Applications</span> &
<span
                                 class="fw-bold">Products</span> with <span</pre>
```

```
class="border-bottom border-dark"> Ample
Admin</span></h2>
                       </div>
                   </div>
                   <div class="row py-5">
                       <!-- Lite Demo -->
                       <div class="col-md-6">
                           <div class="card p-2 me-1">
                              <div class="card-body p-4">
                                  <div class="text-center">
                                      <h2 class="text-dark font-weight-
medium">Lite Version</h2>
                                      <h4 class="text-success">Free
Forever</h4>
                                  </div>
                                  <div class="live-box text-center mt-4">
                                      <img class="img-fluid"</pre>
                                          src="https://wrappixel.com/demos/f
ree-admin-templates/all-lite-landing-pages/assets/images/screenshots/ample-
lite-lp-img.jpg"
                                          alt="Lite version">
                                      <div class="overlay">
                                          <a class="btn btn-danger live-btn"</pre>
                                              href="https://wrappixel.com/de
mos/admin-templates/ampleadmin/ample-admin-lite/dashboard.html"
                                              target="_blank">Live
Preview</a>
                                      </div>
                                  </div>
                                  16">Ample Admin Lite is basic yet very
                                      useful bootstrap 5 dashbaord template
for your projects. If you are looking for
                                      modern yet clean admin template for
your backend project. Ample Admin is the
                                      right choice for you. If your
application requires more options. We like to
                                      suggest you the pro version.
                                  <div class="row text-muted mt-4">
                                      <div class="col-md-6">
                                          <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/light-circle.jpg"
```

```
class="img-fluid mr-
2">1 Basic Dashboard
                                            <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/light-circle.jpg"
                                                    class="img-fluid mr-
2">7+ Pages Template
                                            <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/light-circle.jpg"
                                                    class="img-fluid mr-
2">10+ UI Components
                                            <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/light-circle.jpg"
                                                    class="img-fluid mr-
2">Bootstrap 5 Version
                                            <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/light-circle.jpg"
                                                    class="img-fluid mr-
2">Font Awesome Icons
                                            <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/light-circle.jpg"
                                                    class="img-fluid mr-
2">Fully Responsive Pages
                                            <img</pre>
                                                    src="https://wrappixel
.com/demos/free-admin-templates/all-lite-landing-pages/assets/images/font-
icons/dark-circle.jpg"
                                                    class="img-fluid mr-
2">No Support Provided
                                         </div>
                                     <div class="col-md-6">
                                         <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/light-circle.jpg"
                                                    class="img-fluid mr-
2">SCSS Base CSS
                                            <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/light-circle.jpg"
                                                    class="img-fluid mr-
2">Easy To Customize
```

```
<img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/light-circle.jpg"
                                                     class="img-fluid mr-
2">Basic Table Examples
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/light-circle.jpg"
                                                     class="img-fluid mr-
2">Profile Page Included
                                             <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/light-circle.jpg"
                                                     class="img-fluid mr-
2">Google Map
                                              <img</pre>
                                                     src="https://wrappixel
.com/demos/free-admin-templates/all-lite-landing-pages/assets/images/font-
icons/dark-circle.jpg"
                                                     class="img-fluid mr-
2">No Documentation
                                             <img</pre>
                                                     src="https://wrappixel
.com/demos/free-admin-templates/all-lite-landing-pages/assets/images/font-
icons/dark-circle.jpg"
                                                     class="img-fluid mr-
2">Backlink Required
                                          </div>
                                  </div>
                                  <div class="text-center mt-4 mb-3">
href="https://wrappixel.com/templates/ample-admin-lite/"
                                          class="btn btn-custom btn-outline-
info btn-lg" target="_blank">Free
                                          Download</a>
                                  </div>
                              </div>
                          </div>
                       </div>
                       <!-- Pro Demo -->
                      <div class="col-md-6">
                          <div class="card pro-demo p-2 ms-1">
                              <div class="card-body p-4">
```

```
<div class="text-center">
                                       <h2 class="text-info font-weight-
medium">Pro Version</h2>
                                      <h4 class="text-dark">$39 Only</h4>
                                   </div>
                                   <div class="live-box text-center mt-4">
                                      <img class="img-fluid"</pre>
                                          src="https://wrappixel.com/demos/f
ree-admin-templates/all-lite-landing-pages/assets/images/screenshots/ample-
pro-lp-img.jpg"
                                          alt="Pro version">
                                      <div class="overlay">
                                          <a class="btn btn-danger live-btn"</pre>
href="https://wrappixel.com/ampleadmin/"
                                              target="_blank">Live
Preview</a>
                                      </div>
                                   </div>
                                   <div class="row text-dark mt-5">
                                      <div class="col-md-6">
                                          <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                      class="img-fluid mr-
2">3+ Stunning Dashboards
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                      class="img-fluid mr-
2">600+ Page Templates
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                      class="img-fluid mr-
2">500+ UI Components
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                      class="img-fluid mr-
2">100+ Integrated Plugins
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                      class="img-fluid mr-
2">Front-end Landing Page
```

```
<img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">6 Months Premium Support
                                             <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Right-to-Left(RTL) Verion
                                             <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Unlimited Colors
                                             <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">3000+ Font Icons
                                             <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Lots of Chart Options
                                             <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Bootstrap 5 Version
                                             <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Fully Responsive Pages
                                         </div>
                                     <div class="col-md-6">
                                         <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">7+ Unique Demos
                                             <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
```

```
class="img-fluid mr-
2">3+ Ready to Use App
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Light and Dark Sidebar
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Dashboard PSD Files
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Documentation Provided
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Lots of Widgets
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Tons of Table Example
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Variety of Forms Included
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">SCSS Base CSS
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">Easy to Customize
                                              <img
src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/images/font-icons/blue-circle.jpg"
                                                     class="img-fluid mr-
2">& lots more..
```

```
</div>
                                    </div>
                                    <div class="text-center mt-4 mb-3">
href="https://www.wrappixel.com/templates/ampleadmin/?ref=33"
                                            class="btn btn-custom btn-info
btn-lg" target="_blank">Buy Pro Version</a>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </section>
        </div>
        <!-- End page wrapperHeader part -->
        <footer class="text-center p-4"> All Rights Reserved by Ample Admin.
Designed and Developed by <a
                href="https://wrappixel.com">WrapPixel.com</a></footer>
    </div>
</body>
<!-- All Jquery -->
<script
    src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-
pages/assets/plugins/jquery/dist/jquery.min.js"></script>
<!-- Bootstrap tether Core JavaScript -->
<script src="bootstrap/dist/js/bootstrap.bundle.min.js"></script>
</html>
```