



PROJECT REPORT

INTRODUCTION

Overview

- In this project the main motto is to Tracing the Growth of the global community and a population forecasting analysis across all countries in the world. In this project we have analyzed the population trends over the years and population trends over the year by sex and different types of population records in all country. This would give a basic idea about Global population trends and gave the overall idea about the global population trends.


Purpose

- Population analysis is needed to identify problems and community needs, establish goals and objectives, assess alternative courses of action, allocate resources for plan implementation, and evaluate the ability of the plan to achieve goals and objectives.

Problem Definition & Design Thinking

Empathy Map


Template



Empathy map

Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.

[Share template feedback](#)



Need some inspiration?
See a finished version of this template to kickstart your work.

[Open example](#)

Build empathy

The information you add here should be representative of the observations and research you've done about your users.

Says

What have we heard them say?
What can we imagine them saying?

Thinks

What are their wants, needs, hopes, and dreams? What other thoughts might influence their behavior?

The World's Population is more than three times larger than it was in the mid 20 th century

Global human population reached 8 billion in Nov 2023.

Raise the age of marriage to reduce the birth rate

Reduce infant-mortality rate to below 30 per 1000 live births.

The world's population is expected to increase by nearly 2 billion people in the next 30 years

The world's population could peak at nearly 10.4 billion in the mid 2050s.

Promote correct aged marriage in girls

Legislation to raise the age of marriage to reduce the birth rate

To Understand population dynamics by investigating some main process

Birth, Migration and aging (including death)

Demographic factor score of socioeconomic factors

Poverty rates, household income

To predict future population growth

Associated changes in population age structure.

Population growth and educational attainment

Population growth and educational attainment

Does

What behavior have we observed?
What else we imagine them doing?

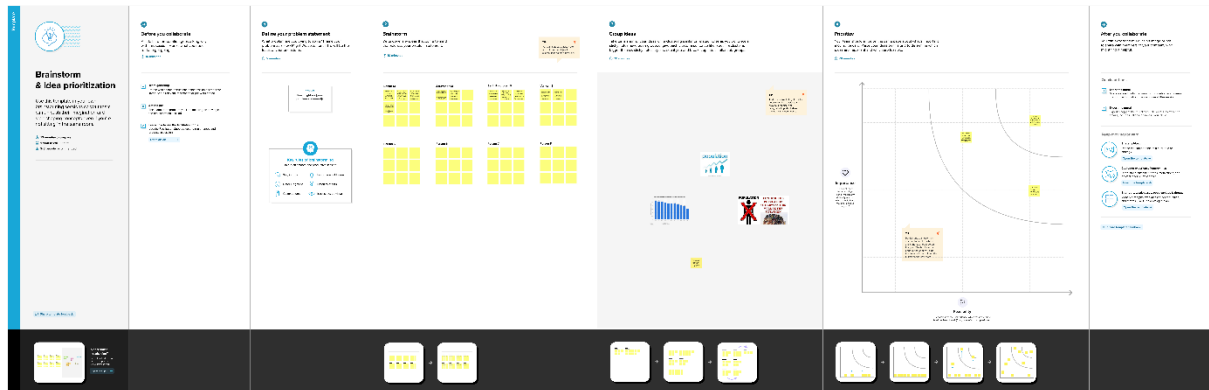
Feels

What are their fears, frustrations, and anxieties? What other feelings might influence their behavior?

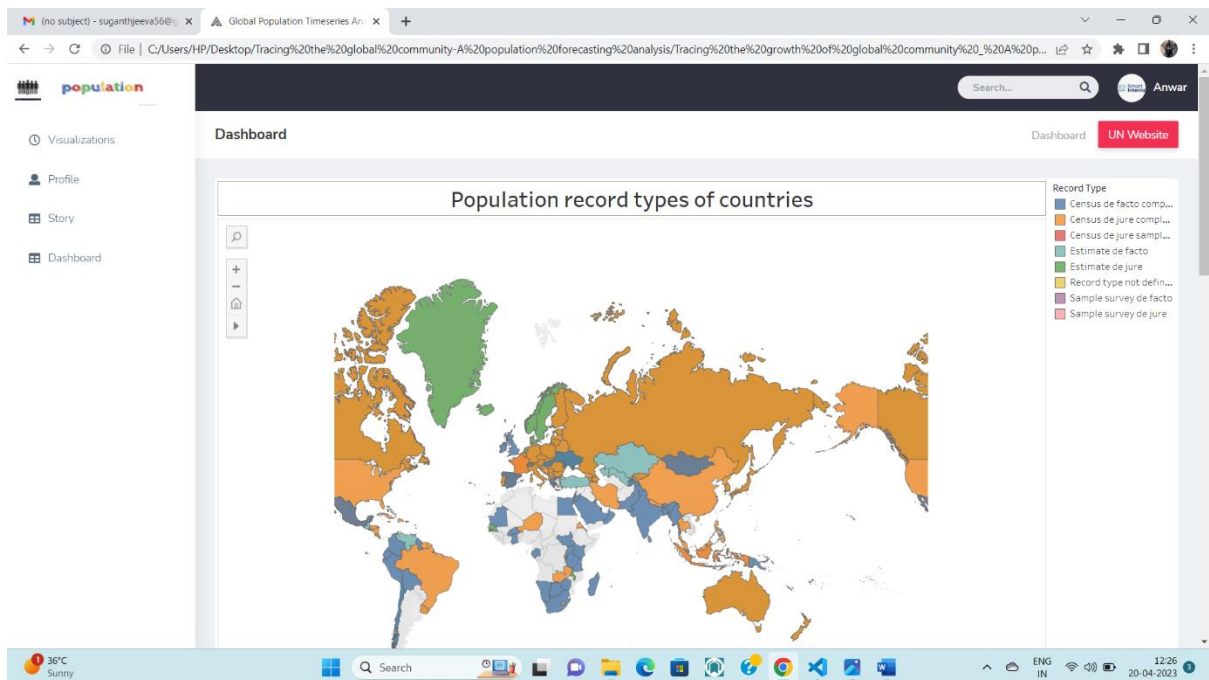




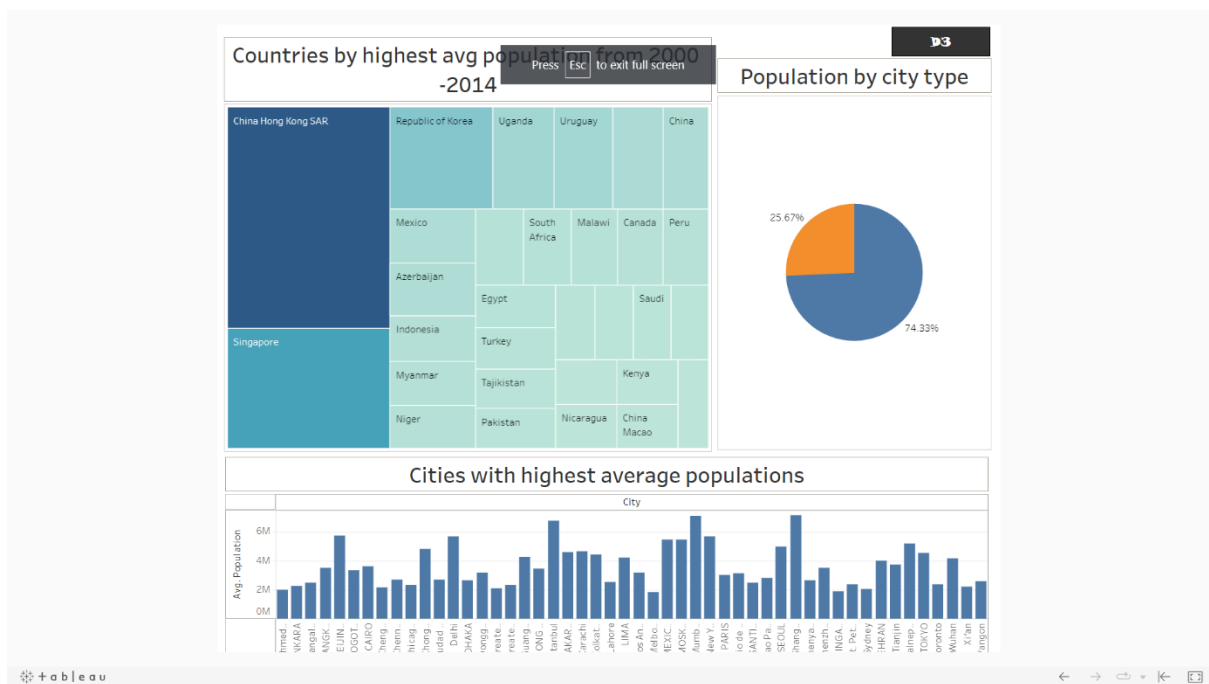
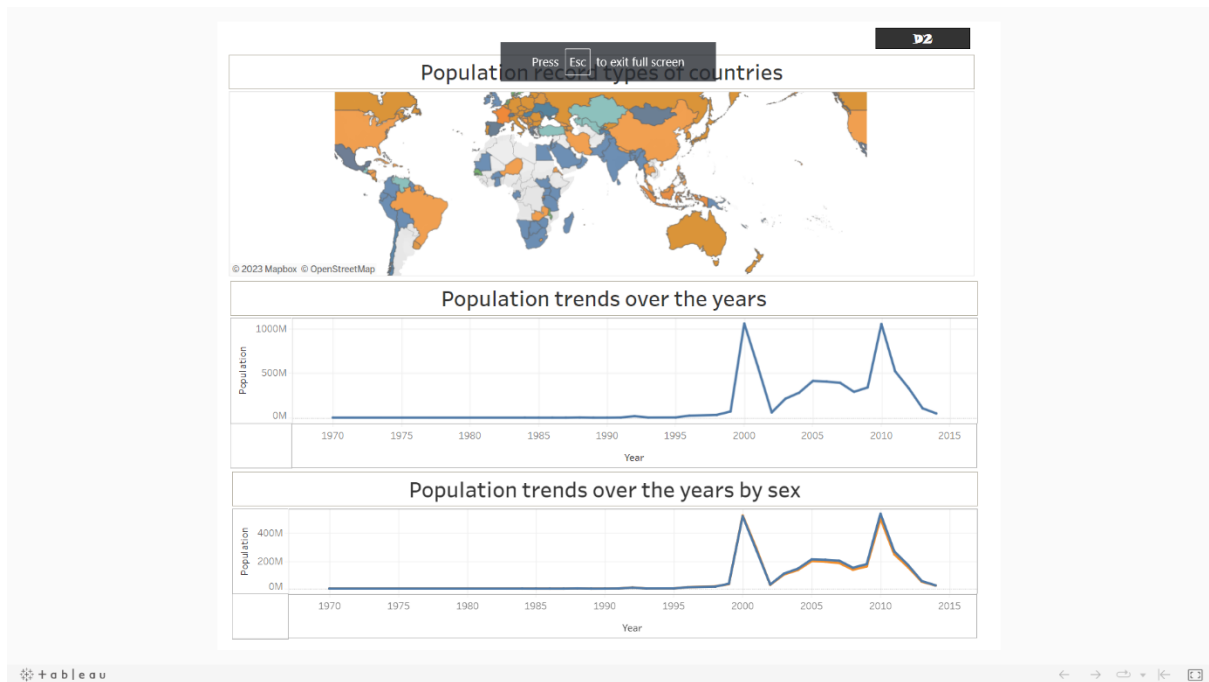
Ideation & Brainstorming Map

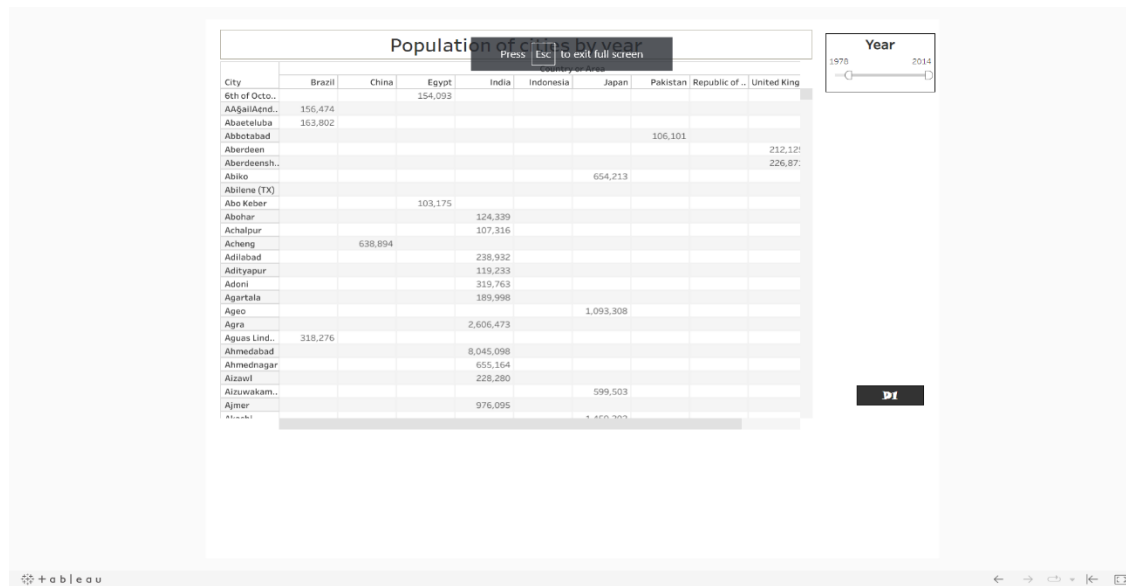


Result

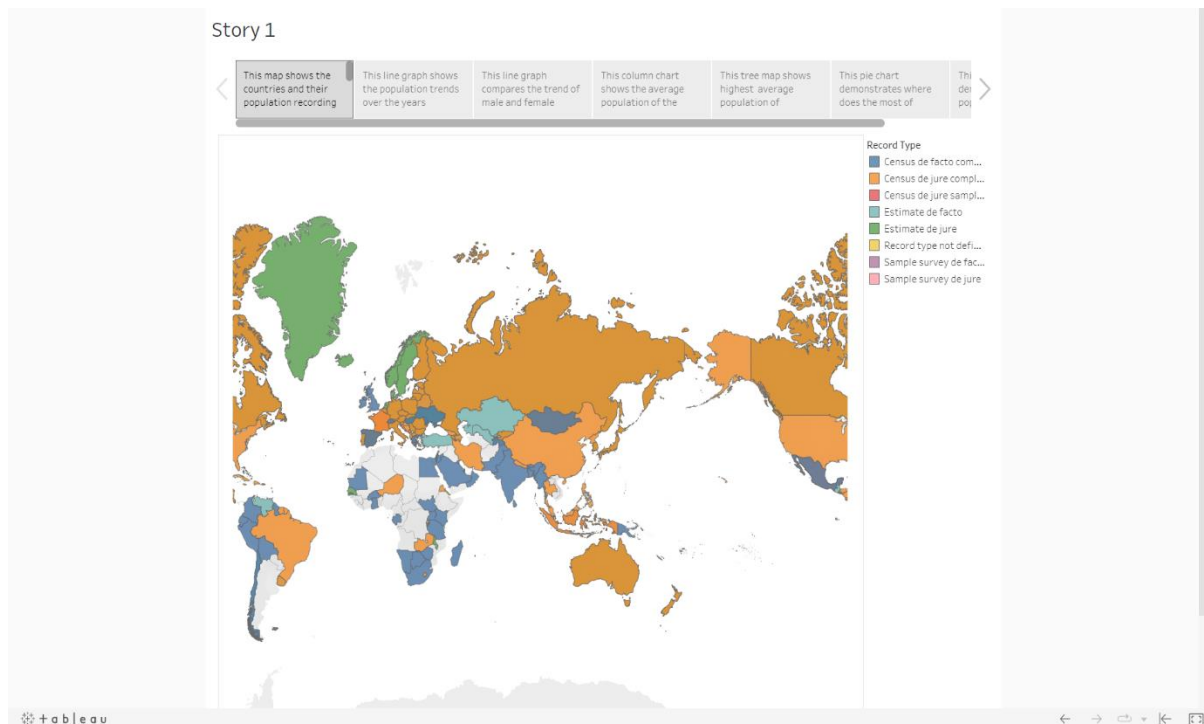


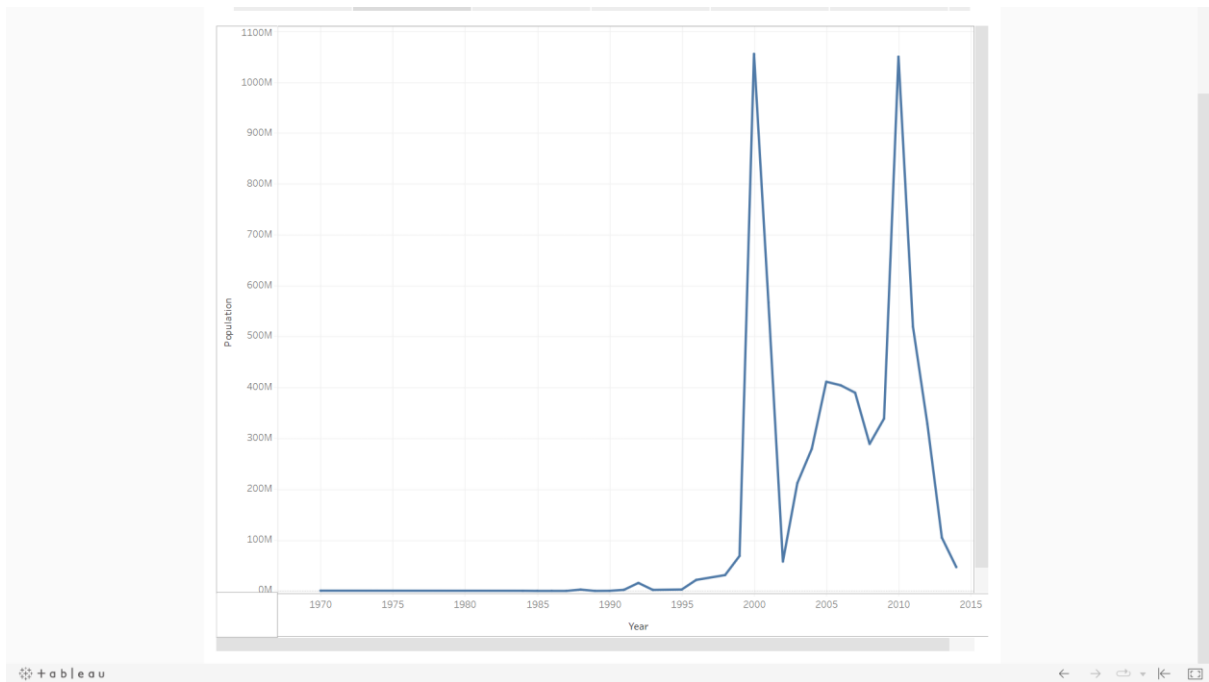
Dashboard





STORY





ADVANTAGE & DISADVANTAGE

Advantages:

- It can make reliable estimates of the population with less time, effort, and money.
- Using this method one can forecast about the future market, competition sales etc.,
- It improves co-ordination and co- operation among different sections.

Disadvantages:

- Data collection is a really big task.
- Accuracy of the past data is not trustable.
- Cannot predict decreasing population.

Applications:

- The main purpose of producing population projections is to provide an estimate of the future population as a common framework for use in planning, policy formation and decision making in a number of different fields.
- The fundamental importance of population genetics is the basic insights it provides into the mechanisms of evolution.
- Population change reflects the change in aggregate of Birth, Death and Migration.

Conclusion:

- In this project our aim was to Trace the Growth of the global community and a population forecasting analysis across all countries in the world. We have analyzed the population trends over the years and population trends over the year by sex and different types of population records in all country. This would give a basic idea about Global population trends and gave the overall idea about the global population trends.

Future Scope:

- Population education is a form of education that aims to increase awareness and understanding of population-related issues, such as population growth, family planning, reproductive health, and the impact of population on the environment and development.
- Population forecasting analysis studies has the high scope in future and this is more suitable for the persons who are more interested in the area of data analysis and research.



Appendix

Source code

```
Tracing the growth of global community - A population forecasting analysis > index.html X
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="utf-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <!-- Tell the browser to be responsive to screen width -->
8   <meta name="viewport" content="width=device-width, initial-scale=1">
9   <meta name="keywords"
10     content="wrappixel, admin dashboard, html css dashboard, web dashboard, bootstrap 5 admin, bootstrap 5, css3 dashboard, bootstrap
11   <meta name="description"
12     content="Ample Admin Lite is powerful and clean admin dashboard template, inspired from Bootstrap Framework">
13   <meta name="robots" content="noindex,nofollow">
14   <title>Ample Template by Wrappixel</title>
15   <link rel="canonical" href="https://www.wrappixel.com/templates/ample-admin-lite/" />
16   <!-- favicon icon -->
17   <link rel="icon" type="image/png" sizes="16x16" href="plugins/images/favicon.png">
18   <!-- Custom CSS -->
19   <link href="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-pages/dist/css/style.css"
20     rel="stylesheet">
21   <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->
22   <!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
23   <!--[if lt IE 9]>
24     <script src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>
25     <script src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></script>
26   <![endif]>
27 </head>
28
29 <body>
30   <!-- Main wrapper -->
31   <!--
32   <div id="main-wrapper">
33     <!-- Header part -->
34     <!--
35     <div class="py-3 bg-white">
```

```
Tracing the growth of global community - A population forecasting analysis > index.html > html > body > div#main-wrapper > header.py-3.bg-white > div.container
39 <!-- Start Header -->
40 <div class="header">
41   <nav class="navbar navbar-expand-md navbar-light px-0">
42     <a class="navbar-brand" href="#">
43       
45     <span>
46       
48     </span>
49   </a>
50   <button class="navbar-toggler" type="button" data-toggle="collapse"
51     data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent"
52     aria-expanded="false" aria-label="Toggle navigation">
53     <span class="navbar-toggler-icon"></span>
54   </button>
55   <div class="collapse navbar-collapse" id="navbarSupportedContent">
56     <ul class="navbar-nav ml-auto">
57       <li class="nav-item pr-3">
58         <a href="https://wrappixel.com/templates/ample-admin-lite/"
59           class="btn btn-custom btn-outline-info btn-lg" target="_blank">Free Download</a>
60       </li>
61       <li class="nav-item">
62         <a href="https://www.wrappixel.com/templates/ampleadmin/?ref=33"
63           class="btn btn-custom btn-info btn-lg" target="_blank">Check Pro Version</a>
64       </li>
65     </ul>
66   </div>
67 </nav>
68 </div>
69 <!-- End Header -->
70 </div>
71 </header>
72 <!--
73 <!-- Header part -->
74 <!--
```

```

Tracing the growth of global community... A population forecasting analysis
<!-- Page wrapper part -->
<!-- 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
          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">
              
              <div class="overlay">
                <a class="btn btn-danger live-btn"
                  href="https://wappixel.com/demos/admin-templates/ampleadmin/ample-admin-lite/dashboard.h
                  target="_blank">Live Preview</a>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

```

```

</div>
<p class="text-muted mt-5 line-h33 font-16">Ample Admin Lite is basic yet very
  useful bootstrap 5 dashboard 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.</p>
<div class="row text-muted mt-4">
  <div class="col-md-6">
    <ul class="list-unstyled listing">
      <li>1 Basic Dashboard</li>
      <li>74 Pages Template</li>
      <li>10+ UI Components</li>
      <li>Bootstrap 5 Version</li>
      <li>Font Awesome Icons</li>
      <li>Fully Responsive Pages</li>
      <li class="text-dark">No Support Provided</li>
    </ul>
  </div>
  <div class="col-md-6">
    <ul class="list-unstyled listing">
      <li>SASS Base CSS</li>
      <li>Easy to customize</li>
      <li>Basic Table Examples</li>
      <li>
  <a 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">
        
        <div class="overlay">
          <a class="btn btn-danger live-btn" href="https://wrappixel.com/ampleadmin/"
            target="_blank">Live Preview</a>
        </div>
      </div>
    </div>
  </div>
</div>
</div>
Ln 39, Col 1 (37 selected) Spaces: 4 UTF-8 CRLF HTML
```

```
File Edit Selection View Go Run Terminal Help
Tracing the global community - A population forecasting analysis

EXPLORER
Tracing the growth of global community...
  > screenshots final report
  > Tracing the growth of global commu...
  > bootstrap
  > css
  > js
  > plugins
  > scss
  > 404.html
  > blank.html
  > dash1.html
  > dashboard(Main File).html
  > fontawesome.html
  > index.html
  > map-google.html
  > new.html
  > profile.html
  > story.html
  > tab.html

index.html X
Tracing the growth of global community... A population forecasting analysis
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<div class="row text-dark mt-5">
  <div class="col-md-6">
    <ul class="list-unstyled listing">
      <li>3+ Stunning Dashboards</li>
      <li>600+ Page Templates</li>
      <li>500+ UI Components</li>
      <li>100+ Integrated Plugins</li>
      <li>Front-end Landing Page</li>
      <li>6 Months Premium Support</li>
      <li>Right-to-Left(RTL) Verion</li>
      <li>Unlimited colors</li>
      <li>3000+ Font Icons</li>
      <li>Lots of Chart Options</li>
      <li>Bootstrap 5 Versions</li>
      <li>Fully Responsive Pages</li>
    </ul>
  </div>
  <div class="col-md-6">
    <ul class="list-unstyled listing">
      <li>7+ Unique Demos</li>
      <li>3< Ready to Use Apps</li>
222 <li>Light and Dark Sidebar</li>
224 <li>Dashboard PSD Files</li>
226 <li>Documentation Provided</li>
228 <li>Lots of Widgets</li>
230 <li>Tons of Table Example</li>
232 <li>Variety of Forms Included</li>
234 <li>SCSS Base CSS</li>
236 <li>Easy to Customiz</li>
238 <li>& lots more.</li>
240 </ul>
241 </div>
242 </div>
243 <div class="text-center mt-4 mb-3">
244 <a href="https://www.wrappixel.com/templates/ampleadmin/?ref=33"
245 class="btn btn-custom btn-info btn-lg" target="_blank">Buy Pro Version</a>
246 </div>
247 </div>
248 </div>
249 </div>
250 </div>
251 </section>
252 </div>
253 </div>
254 <!-- =====>
255 <!-- End page wrapperHeader part -->
256 <!-- =====>
257 <footer class="text-center p-4">All Rights Reserved by Ample Admin. Designed and Developed by <a
Ln 39, Col 1 (37 selected) Spaces: 4 UTF-8 CRLF HTML
```

```
File Edit Selection View Go Run Terminal Help
Tracing the growth of global community - A population forecasting analysis

EXPLORER
Tracing the growth of global community - A population forecasting analysis
  > screenshots final report
  > Tracing the growth of global commu...
    > bootstrap
    > css
    > js
    > plugins
    > scss
    > 404.html
    > blank.html
    > dash1.html
    > dashboard(Main File).html
    > fontawesome.html
    > index.html
    > map-google.html
    > new.html
    > profile.html
    > story.html
    > tab.html

index.html X
Tracing the growth of global community - A population forecasting analysis > index.html > html > body > div#main-wrapper > header.py-3.bg-white > div.container
249 </div>
250 </div>
251 </div>
252 </section>
253 </div>
254 <!-- =====>
255 <!-- End page wrapperHeader part -->
256 <!-- =====>
257 <footer class="text-center p-4">All Rights Reserved by Ample Admin. Designed and Developed by <a
258 href="https://wrappixel.com">WrapPixel.com</a></footer>
259 </div>
260 </body>
261 <!-- =====>
262 <!-- All JQuery -->
263 <!-- =====>
264 <script
265 src="https://wrappixel.com/demos/free-admin-templates/all-lite-landing-pages/assets/plugins/jquery/dist/jquery.min.js"></script>
266 <!-- Bootstrap tether core Javascript -->
267 <script src="bootstrap/dist/js/bootstrap.bundle.min.js"></script>
268
269 </html>
Ln 39, Col 1 (37 selected) Spaces: 4 UTF-8 CRLF HTML
```