TRACING THE GOWTH OF

THE GLOBAL COMMUNITY: A POPULATION FORECASTING ANALYSIS

A Project Report

Submitted by

A.PRASANTH

Register no:20201071522116

M.NADARAJAN Register no:20201071522114

K.POOVARASi Register no:20201071522115

C.PRIYANGADEVI Register no:20201071522117

BACHELOR OF SCIENCE

IN

PHYSICS



DEPARTMENT OF PHYSICS THE MADURAI DIRAVIUM THYUMANAVAR HINDU COLLEGE TIRUNELVELI - 627010

SL.NO	CONTENTS	PAGE NO
1.	INTRODUCTION 1.1 Overview A brief description about the project 1.2 Purpose The use of this project. What can be achieved using this	1
2.	PROBLEM DEFINITION AND DESIGN THINKING 2.1 Empathy Map Paste the empathy map screenshot 2.2 Ideation & Brainstorming Map Paste the Ideation & brainstorming map screenshots.	2
3.	RESULT Final findings (Output) of the project along with screenshots.	4
4.	ADVANTAGES & DISADVANTAGES List of advantages and disadvantages of the proposed Solution	15
5.	APPLICATIONS The areas where this solution can be applied	17
6.	CONCLUSION Conclusion summarizing the entire work and findings	19

INTRODUCTION

1.1 overview

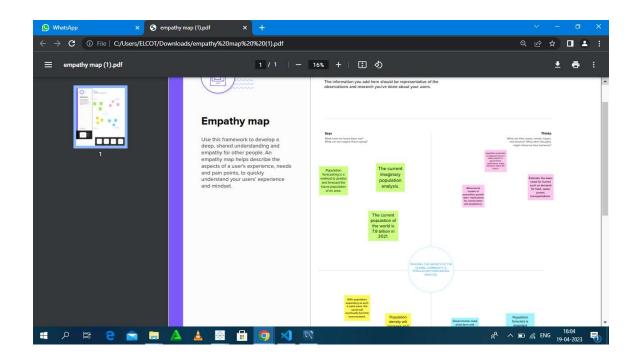
The world population is more than three times larger than it was in the mid-twentieth country. The global human population reached 8.0 billion in mid- November 2022 from the an estimated 2.5 billion people in 1950, 1 billion people since 2010 and 2 billion since 1998. The world population is expected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

1.2 USE OF THIS PROJECT:

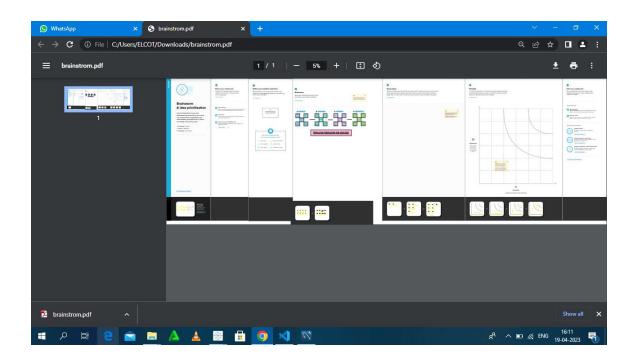
This project used for global community a population forecasting analysis in the problem defining understanding problem. This dramatic growht has been driven largely by increasing number of people surviving to reproductive age, the gradual increase in human lifespan , increasing urbanization, and accelerating 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

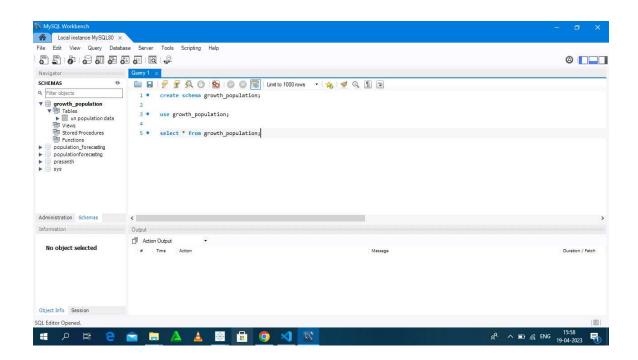
2.1 EMPATHY MAP:

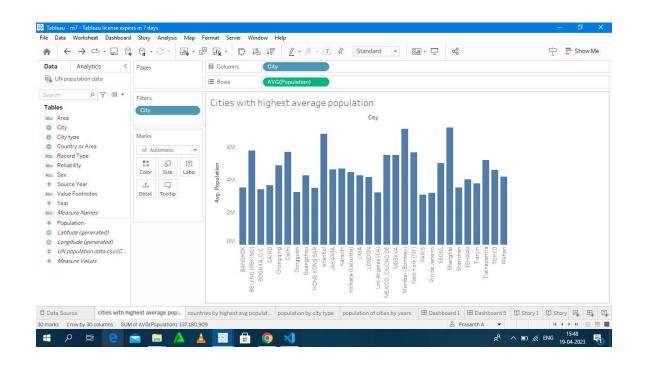


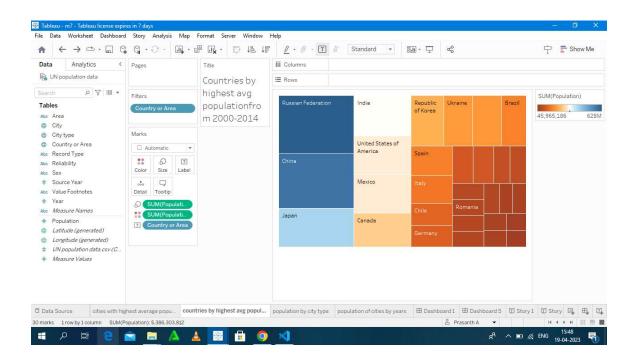
2.1 IDEATION & BRAINSTORMING MAP

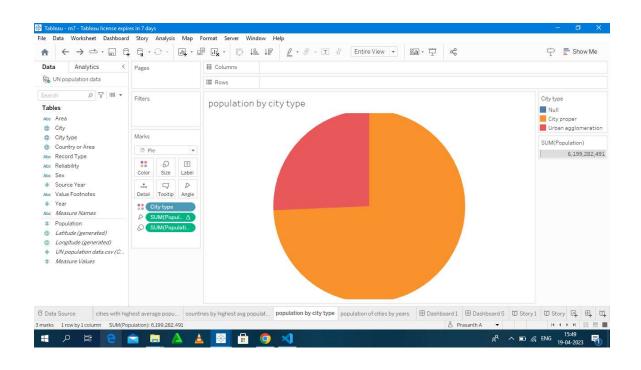


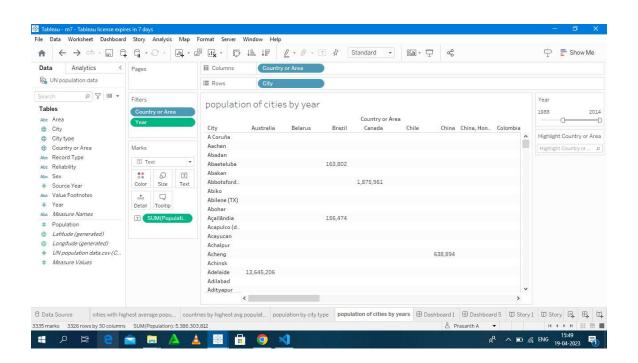
RESULT

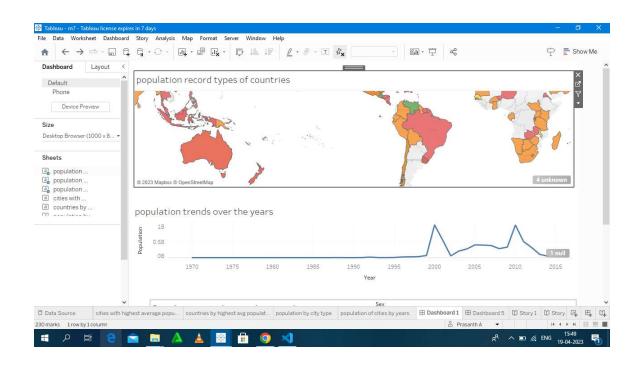


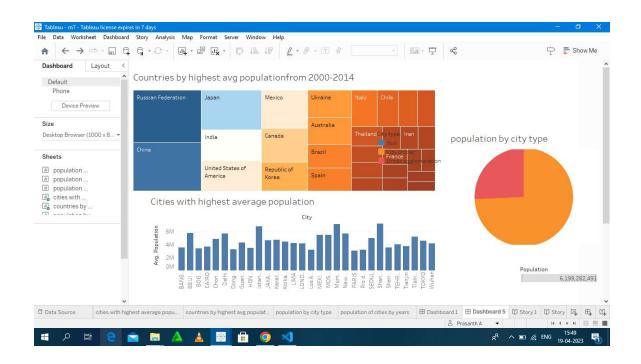


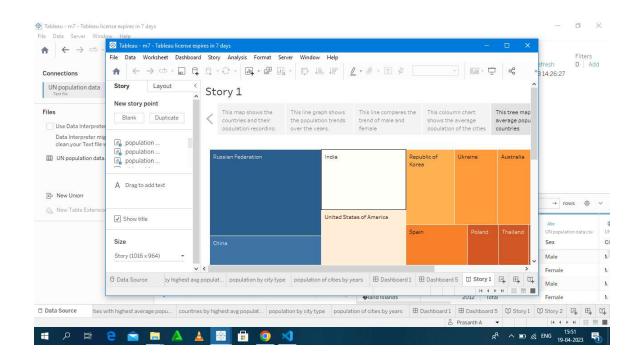






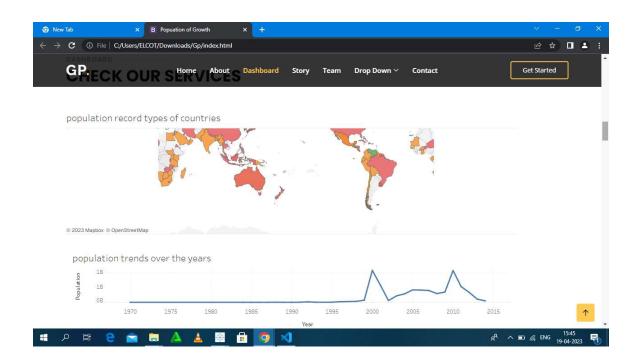




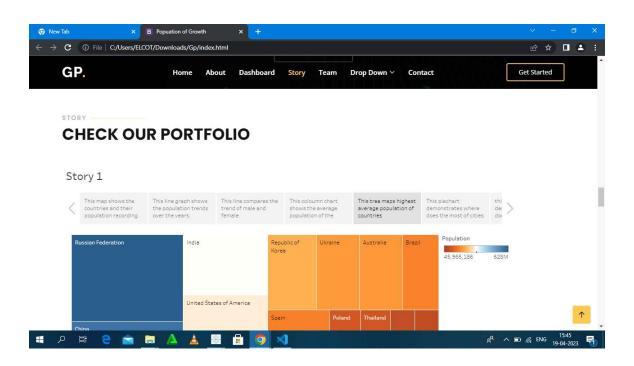




DASBOARD



STORY



ADVANDAGES

Two advanteges of forecasting

1.You'll gain valuable insight

Forecasting gets you into habit of looking at pased and real-time date to predict future demand .and in doing so you'ii be able to anticipate demand flucations more effictively . but more than that, it 'll give you insight into your Company 's helath and provide you with an opportunity to course -correct or make adjusements .

2.You'll learn frompast mistakes

You don't start from scarcth after each forecast . even if your prediction was nowhere close to what ended up comming to pass, it gibes you a starting point. It's common to review where and why things didn't happen the way you predicted. your forecasts should eventually improve. But more than that, you'll get into the habit of reflecting upon past performance as a whole. And self- relfection can be a powerful driver of company growth

DISADVANTAGE

Two Disadvantage of Forecasting

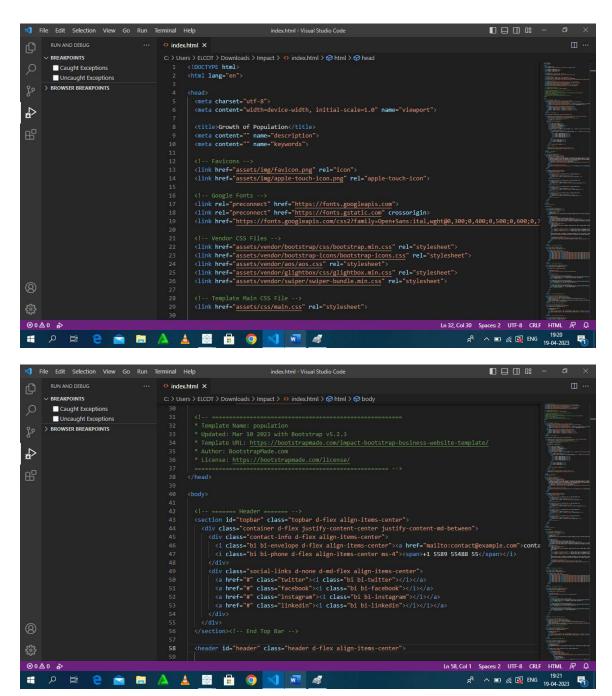
1. Forecasts are never 100% accurate:

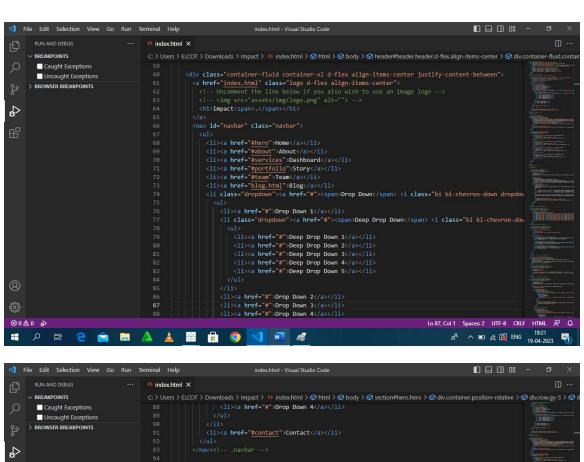
Let's face it: its's hard to predict the future. Even if you have a great process in place and forecating experts on your payroll, your forecats will never be spot on. Some products and markets simply have a high level of volatiliy. And in general, there is just an endless number of factors that influence demand.

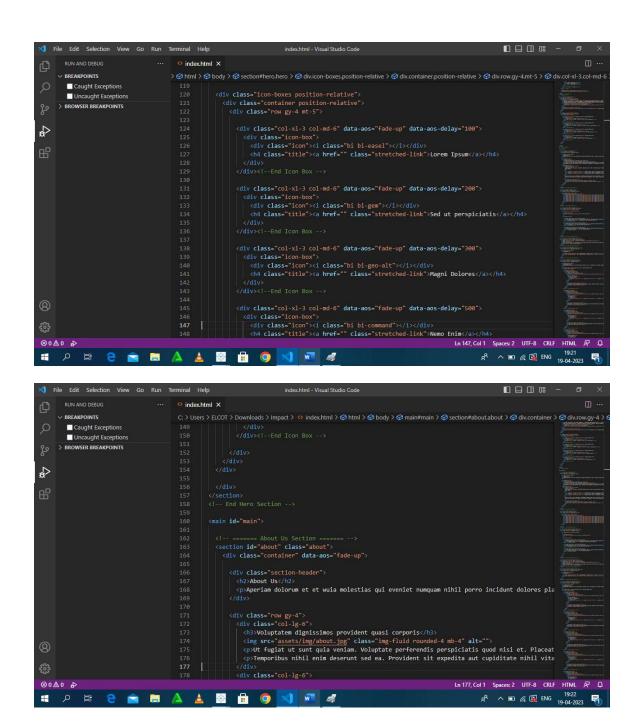
2. It can be time- consuming and resource-intensive

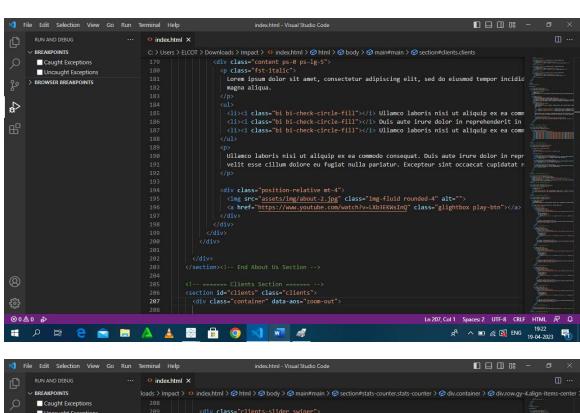
Forecasting involves a lot of data gatherring, data organizing, and coordination. Companies typically employ a team of demand planners who are responsible for omng up with the forescast. But in order to do this well, demand planners need substantial input from the sales and marketing teams.

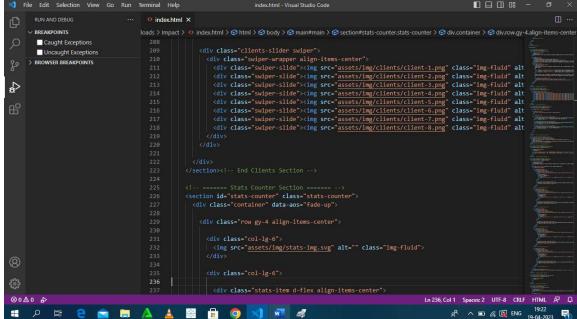
SOURCE CODE:

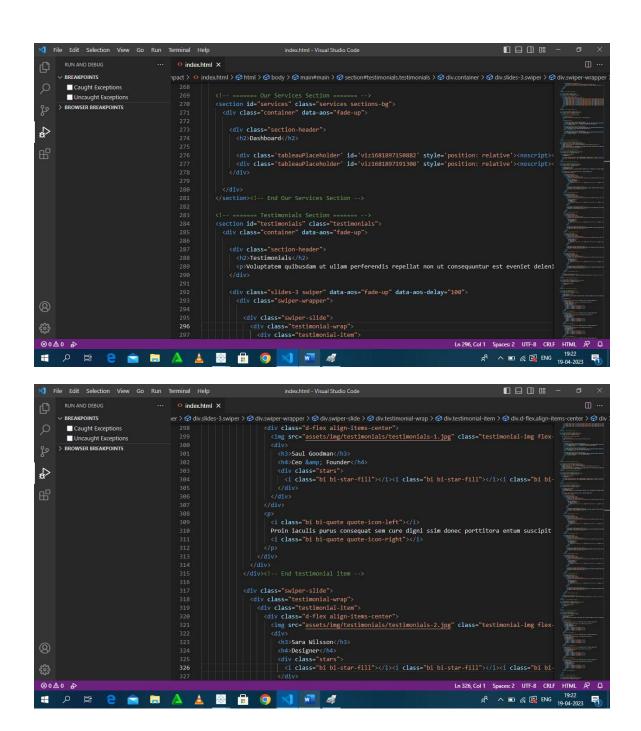


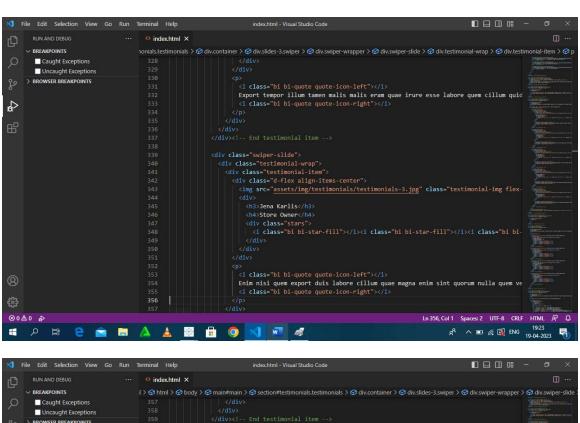


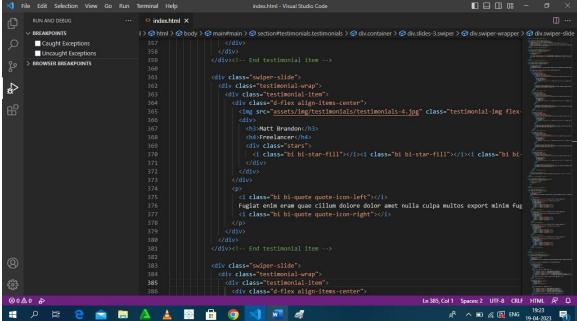


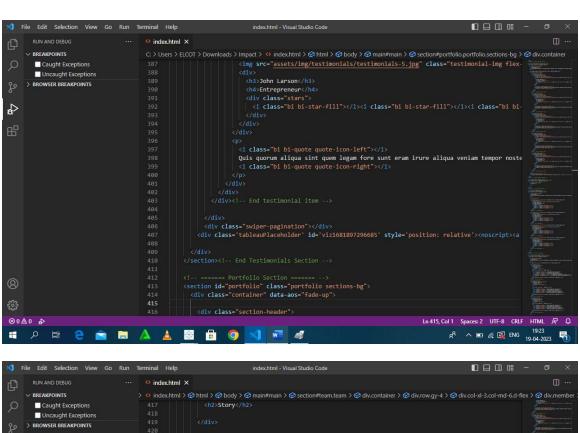


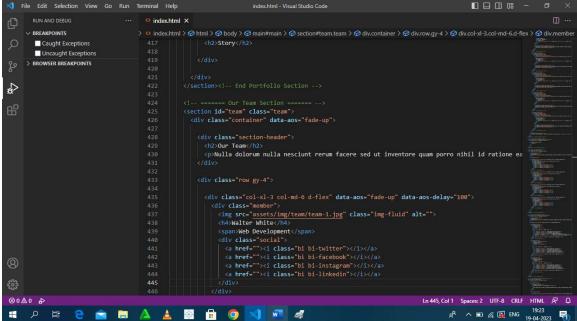


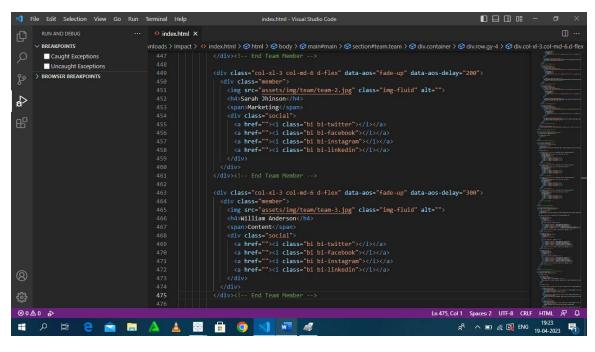


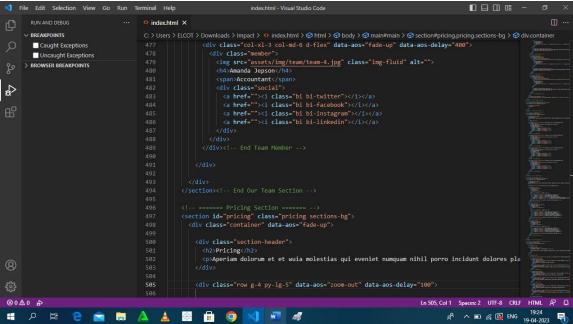


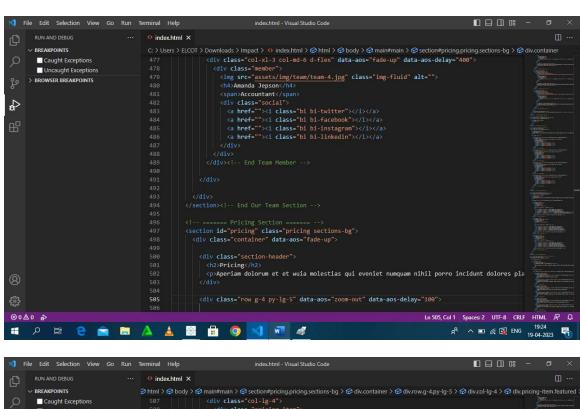


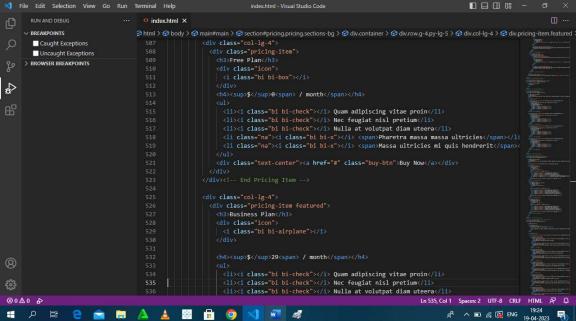


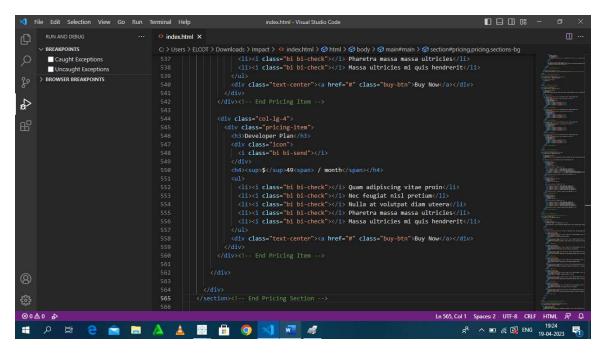


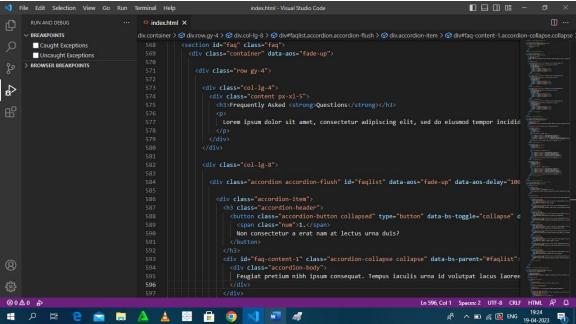


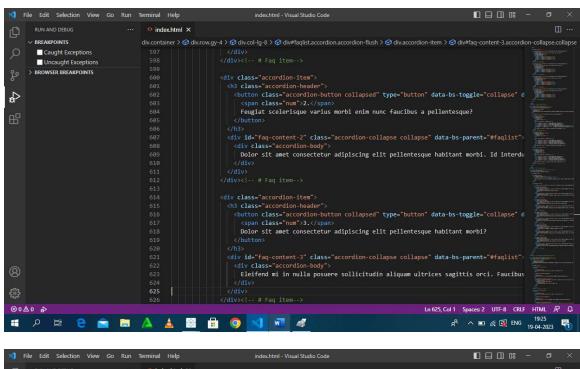


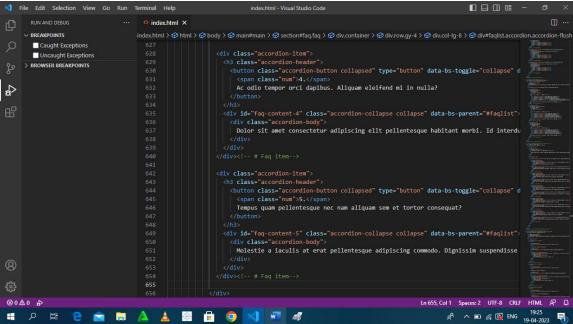


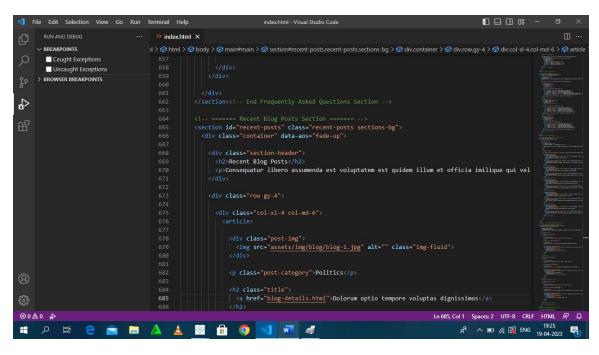


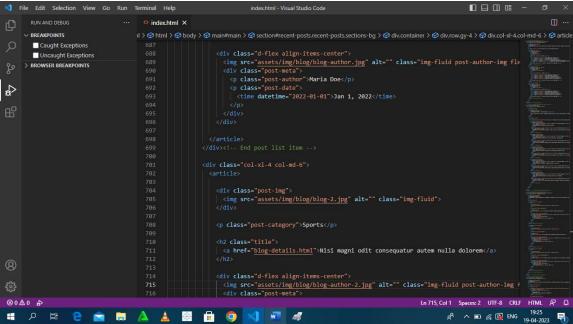


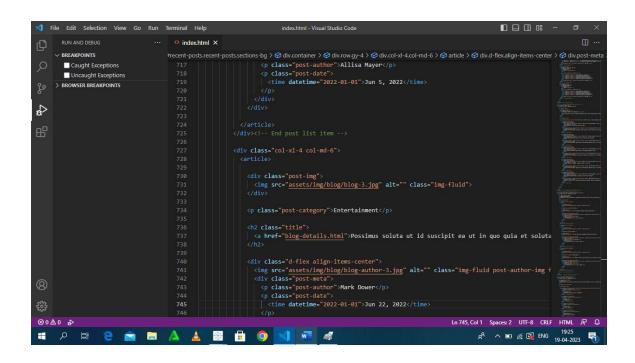


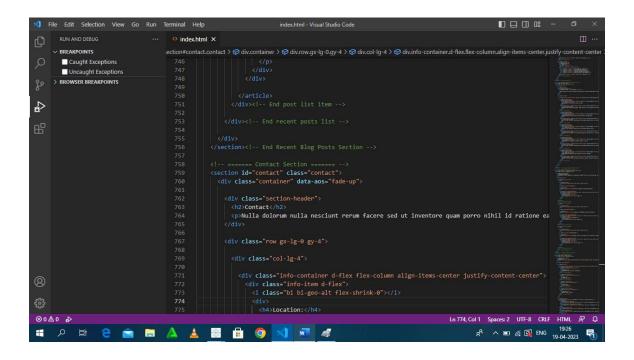












```
··· o index.html ×
                                      ection#contact.contact > 🔗 div.container > 🔗 div.cow.gx-lg-0.gy-4 > 🛇 div.col-lg-4 > 🛇 div.info-container.d-flex.flex-column.align-items-center.justify-content-cente
                                                                 <h4>Location:</h4>
A108 Adam Street, New York, NY 535022
       Caught Exceptions
       Uncaught Exceptions
     > BROWSER BREAKPOINTS
                                                             <div class="info-item d-flex">
     <i class="bi bi-envelope flex-shrink-0"></i>
₫>
                                                               info@example.com
                                                             <pr
                                                             <div class="info-item d-flex">
     <i class="bi bi-clock flex-shrink-0"></i>
                                                                 Mon-Sat: 11AM - 23PM
⊗0Δ0 ₽
                                                                                                                        Ln 803, Col 1 Spaces: 2 UTF-8 CRLF HTML 戻 口
                                    🔼 🛕 🔡 🔓 🧿 💌 🗷
                                                                                                                                 g<sup>R</sup> ∧ ■ // SM ENG 19:26 19-04-2023
            H C 😭 🔚
# 2
```

```
C: > Users > ELCOT > Downloads > Impact > ♦ index.html > ♦ html > ♦ body > ♦ main#main > ♦ section#contact.contact > ♦ div.contain
                 <div class="col-lg-8">
                   <form action="forms/contact.php" method="post" role="form" class="php-email-form">
                     <div class="row">
                       <div class="col-md-6 form-group">
                       <input type="text" name="name" class="form-control" id="name" placeholder="Your Name</pre>
                       <div class="col-md-6 form-group mt-3 mt-md-0">
                       <input type="email" class="form-control" name="email" id="email" placeholder="Your E</pre>
                     <div class="form-group mt-3">
                      <input type="text" class="form-control" name="subject" id="subject" placeholder="Subje</pre>
                     <div class="form-group mt-3">
                      <textarea class="form-control" name="message" rows="7" placeholder="Message" required>
                     <div class="my-3">
                      <div class="loading">Loading</div>
                      <div class="error-message"></div>
                      <div class="sent-message">Your message has been sent. Thank you!</div>
                     <div class="text-center"><button type="submit">Send Message</button></div>
834
          </section><!-- End Contact Section -->
```

```
index.html X
> Downloads > Impact > 🐠 index.html > 🔗 html > 🔗 body > 😭 footer#footer.footer > 🚱 div.container > 😭 div.row.gy-4 > 🤡 div.col-lg-2.col-6
              <div class="row gy-4">
                <div class="col-lg-5 col-md-12 footer-info">
                  <a href="index.html" class="logo d-flex align-items-center">
                   <span>Impact</span>
                  Cras fermentum odio eu feugiat lide par naso tierra. Justo eget nada terra videa magna de
                  <div class="social-links d-flex mt-4">
                   <a href="#" class="twitter"><i class="bi bi-twitter"></i></a>
                    <a href="#" class="facebook"></i class="bi bi-facebook"></i></a>
                    <a href="#" class="instagram"><i class="bi bi-instagram"></i></a>
<a href="#" class="linkedin"><i class="bi bi-linkedin"></i></a>
                <div class="col-lg-2 col-6 footer-links">
                  <h4>Useful Links</h4>
                    <a href="#">Home</a>
                    <a href="#">About us</a>
                    <a href="#">Services</a>
                    <a href="#">Terms of service</a>
                    <a href="#">Privacy policy</a>
 864
```

```
index.html ×
C: > Users > ELCOT > Downloads > Impact > ♥ index.html > ♥ html > ♥ body > ♥ footer#footer.footer
            <div class="col-lg-2 col-6 footer-links">
              <h4>Our Services</h4>
                <a href="#">Web Design</a>
               <a href="#">Web Development</a>
               <a href="#">Product Management</a>
               <a href="#">Marketing</a>
                <a href="#">Graphic Design</a>
             <div class="col-lg-3 col-md-12 footer-contact text-center text-md-start">
              <h4>Contact Us</h4>
                A108 Adam Street <br>
               New York, NY 535022(br>
               United States <br><br>>
               <strong>Phone:</strong> +1 5589 55488 55<br>
                <strong>Email:</strong> info@example.com<br>
894
```

```
index.html ×
C: > Users > ELCOT > Downloads > Impact > ◆ index.html > ♦ html
              <!-- You can delete the links only if you purchased the pro version. -->
              <!-- Licensing information: https://bootstrapmade.com/license/ -->
              <!-- Purchase the pro version with working PHP/AJAX contact form: https://bootstrapmade.com/i
              Designed by <a href="https://bootstrapmade.com/">BootstrapMade</a>
        <a href="#" class="scroll-top d-flex align-items-center justify-content-center"><i class="bi bi-arro
        <div id="preloader"></div>
         <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
        <script src="assets/vendor/aos/aos.js"></script>
        <script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
        <script src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
        <script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
        <script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
        <script src="assets/vendor/php-email-form/validate.js"></script>
                                                                                       Windows Script dinonakti
                                                                                       Smadav
        <script src="assets/js/main.js"></script>
                                                                                       Untuk mengaktifkannya: I
                                                                                       di menu tray smadav (ikor
                                                                                       jam), lalu pilih "Allow Wind
                                                                                       & Macro"
928
```

CONCULUSION

This project deals about the POPULATION FORECASTING ALALYSIS. we analysis the Global population . We conclued that Due to population growth which affect glopal economy , food availablity , infrastructure and unemployement. It is a major problem today and Government should regulate and introduced many scheme to control the population in every country.

