UNLEASHING THE POTENTIAL OF OUR YOUTH: A STUDENT PERFORMANCE ANALYSIS

PROJECT REPORT

Submitted By

ROHINTH V	611220104117
SAHANA SRUTHI S	611220104120
SANDHIYA S	611220104121
SANJAY S	611220104126

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

KNOWLEDGE INSTITUTE OF TECHNOLOGY

SALEM-637504

ANNA UNIVERSITY :: CHENNAI-600025

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ACKNOWLEDGEMENT

At the outset, we express our heartfelt gratitude to **GOD,** who has been our strength to bring this project to light.

At this pleasing moment of having successfully completed our project, we wish to convey our sincere thanks and gratitude to our beloved president **Mr. C. Balakrishnan,** who has provided all the facilities to us.

We would like to convey our sincere thanks to our beloved Principal **Dr. PSS. Srinivasan,** for forwarding us to do our project and offering adequate duration in completing our project.

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With deep sense of gratitude, we extend our earnest and sincere thanks to our Faculty Mentor **Mr. J. MURUGESAN,** Assistant Professor, Department of Information Technology for their guidance and encouragement during this project.

We would also like express our thanks to all the faculty members of our department, friends and students who helped us directly and indirectly in all aspectsof the project work to get completed successfully.

BONAFIDE CERTIFICATE

Certified that this project report titled **"UNLEASHING THE POWER OF OUR YOUTH: A STUDENT PERFORMANCE ANALYSIS"** is the bonafide work of **"ROHINTH V (611220104117), SAHANA SRUTHI S (611220104120), SANDHIYA S (611220104121), SANJAY S (611220104126),"** who carried out the project work under my supervision.

SIGNATURE

Dr. V. KUMAR M.E., Ph.D.,

HEAD OF THE DEPARTMENT

PROFESSOR

Department of Computer Science and Engineering,

Knowledge Institute of Technology,

Kakapalayam,

Salem- 637 504.

SIGNATURE

Mr. J. MURUGESAN B.E., M.E.,

FACULTY MENTOR

ASSISTANT PROFESSOR

Department of Information Technology,

Knowledge Institute of Technology,

Kakapalayam,

Salem- 637 504.

SPOC

HOD

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ABSTRACT

The "Student Performance Analysis and Improvement Recommendations" project is a data-driven initiative that harnesses the power of IBM Cognos to comprehensively examine academic performance at the individual, class, and school levels. By amalgamating diverse data sources, including grades, test scores, attendance records, and surveys, the project seeks to unveil academic strengths and weaknesses, while also identifying the key determinants of student success or challenges. Leveraging IBM Cognos for analysis, the project customizes instructional strategies and prescribes targeted interventions to enhance academic achievement.

In a world where a nation's progress is intrinsically tied to the quality of its educational system, the global education landscape faces mounting challenges, including declining student success rates and elevated dropout rates. This project, underpinned by a dataset featuring the examination scores of 1000 students from a school, delves deep into the correlation between student performance and various factors, such as parental education levels and test preparation. The primary objective is to unravel the intricate web of influences on academic outcomes. Ultimately, this analysis endeavors to illuminate the complex dynamics that underlie student performance in education.

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INTRODUCTION

CHAPTER-1

INTRODUCTION

1.1 PROJECT OVERVIEW

The "Student Performance Analysis and Improvement Recommendations" project leverages IBM Cognos to gather and analyze academic performance data at individual, class, or school levels. By integrating data from various sources like grades, test scores, attendance records, and surveys, the project identifies academic strengths and weaknesses, as well as factors influencing student success or difficulties. Utilizing IBM Cognos for analysis, the project tailors instructional strategies and suggests interventions to enhance academic performance. Anticipated outcomes encompass a deeper understanding of students' academic progress, pinpointing areas for improvement, and offering tailored recommendations. Ultimately, the project underscores the pivotal role of analyzing student performance using data-driven approaches and highlights IBM Cognos as a potent tool for achieving academic enhancement goals.

1.2 PURPOSE

A country's progress is significantly tied to the quality of its education system. The educational landscape has transformed into an industry globally, facing challenges such as declining student success rates and high dropout rates. An integral aspect of teaching involves analyzing student work for assessment and continuous improvement. This project focuses on analyzing a dataset comprising the exam scores of 1000 students from a school. The objective is to correlate student performance with various factors like parental education levels and test preparation, aiming to understand their influence on exam outcomes. Ultimately, the analysis aims to shed light on the dynamics impacting student performance in education.

LITERATURE SURVEY

CHAPTER-2

LITERATURE SURVEY

2.1. STUDENT PERFORMANCE ANALYSIS USING MACHINE LEARNING TOOLS

Authors: Atul Prakash Prajapati, Sanjeev Kr. Sharma, Manish Kr. Sharma

Year of Publication: 10 Oct 2018

Several tools have been designed till today for the betterment and evaluation of student's performance. The results produced by these tools can help in decision making, that improves student's performance. This paper presents a survey of existing tools and techniques that have been designed in this area. This Paper uses a machine learning tool for analysing and predicting the results based on various factors that can improve the student's performance. This paper also suggests that cognitive modelling is a better way that can improve the decision making capability and it is useful for making quality software and tools for performance analysis. Section methodology describes the machine learning tool and the approach for choosing a data set. Section experimental design and result shows the schematic diagrams of tables that are used for performance analysis. Finally, this paper suggests that one should use the cognitive modelling for designing the knowledge-base. So that they can produce better results.

2.2. STUDENT PERFORMANCE ANALYSIS SYSTEM USING DATA MINING

Authors: Disha Kalambe, Anita Labade, Surabhi Khedekar, Komal Mahajan

Year of Publication: 03 Mar 2019

In this age of computerization, education has also re-constructed itself and is not limited to old lecture method. Nowadays, lots of data is collected in educational databases, but it remains unutilized. In order to get required benefits from such a big data, powerful tools are required. Data mining is an emerging powerful tool for analysis. The previous system doesn't give the guidance to student based on the overall performance. The proposed system presents the analysis of student performance on the basis of academic performance, extra-curricular activities, strengths, weakness and hobbies. The proposed system uses classification algorithm and guides them by displaying the areas where they need to do improvement in order to contribute to a student's overall growth by generating a score card for the same. The proposed system will give all the required information of each and every student. The proposed system helps to the students and the teachers to improve the division of the student. The proposed system also work to identify those students who require special attention to lessen fail ratio and taking proper action for the next semester examination. The proposed system also classifies the students who are eligible for placements based on company's criteria.

2.3. STUDENT PERFORMANCE ANALYSIS AND LEARNING ANALYTICS

Authors: Ismail duru, Gulustan Dogan, Banu Diribin Hossin

Year of Publication: 08 Dec 2020

In this paper, we aimed to guide about latest development and studies about students performance analysis and Learning Analytics in Massively Open Online Courses (MOOCs) for researchers related with the topics. For this purpose short review for usage of performance prediction and Learning Analytics in MOOCs is investigated. In our study, to help readers get familiar with our topic, firstly

literature information about basic concepts are explained. Then to understand features‘ importance level and their relationships more detailed, information about some papers were provided. After that, findings about usage of student performance prediction and Learning Analytics in MOOCs are summarized. Until now, about students‘ performance analysis and Learning Analytics in Massive Open Online Courses (MOOCs) a variety of hypotheses are verified as using different methods and different data sets. They helped us to understand student behavior, improve platform quality and also use different perspectives on different MOOCs. But, results of these studies not only provided new information but also brought new research questions which could lead to further development in (MOOCs).

2.4. STUDENT PERFORMANCE ANALYSIS IN CLASSROOM LEARNING

Authors: Anupam Khan, Soumya K. Ghosh

Year of Publication: 05 Mar 2021

This paper reviews student performance modeling in educational data mining (EDM), a challenging research topic. Multiple non-linear factors influence performance, attracting researchers. Existing EDM surveys primarily focus on predictor identification and modeling, lacking a specific focus on classroom-based education and temporal prediction. This systematic review addresses these gaps, analyzing 140 studies to highlight efficient prediction during the course but emphasizing the need for pre-course prediction improvement.

IDEATION & PROPOSED SOLUTION

CHAPTER-3

IDEATION & PROPOSED SOLUTION

3.1 PROBLEM STATEMENT DEFINITION

Problem Statement (PS)	I am (Principle)	I'm trying to	But	Because	Which makes me feel
PS-1	Principal	Improve student performance	Lack in their academic	Not attentive in class	worried
PS-2	Teacher	Improve student grades	Unable to grasp concepts	Not fast leaner	sad
PS-3	Teacher	Improve their understanding	Can't recollect the concepts and no one to help	Parents are not well educated	dejected
PS-4	Principal	Improve student communication	Unable to read and write	Lack of practice	anxiety
PS-5	Principle	Improve the body and mind	Have health issues	Choice of their lunch	depressed

Table No. 3.1 Problem Statement Definition

3.2 EMPATHY MAP CANVAS

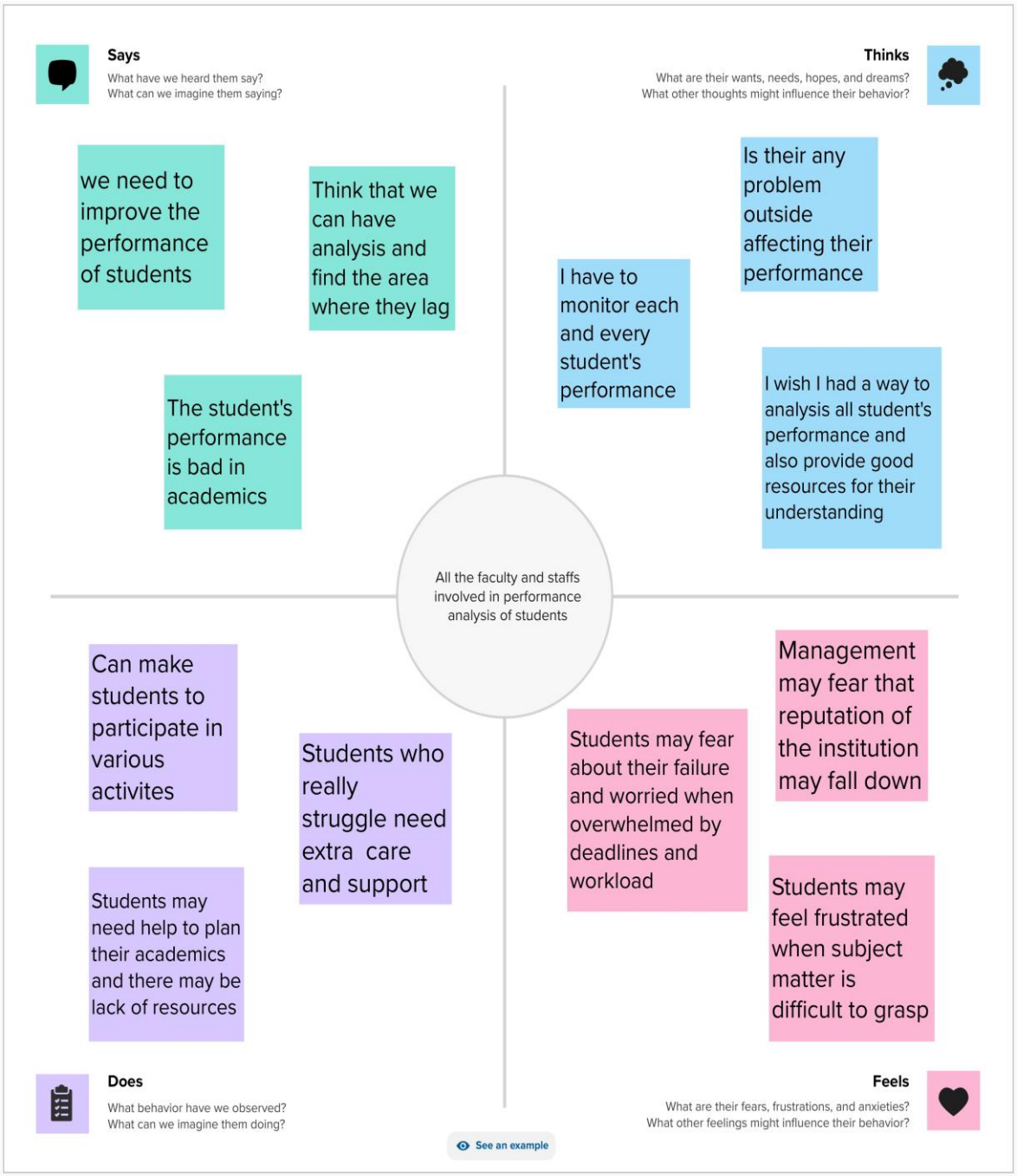


Fig. No. 3.2.1 Empathy Map

3.3 IDEATION AND BRAINSTORMING

Team Gathering, Collaboration and Select the Problem Statement

Fig. No. 3.3.1 Team Gathering & Collaboration

Brainstorm, Ideas Listing and Grouping

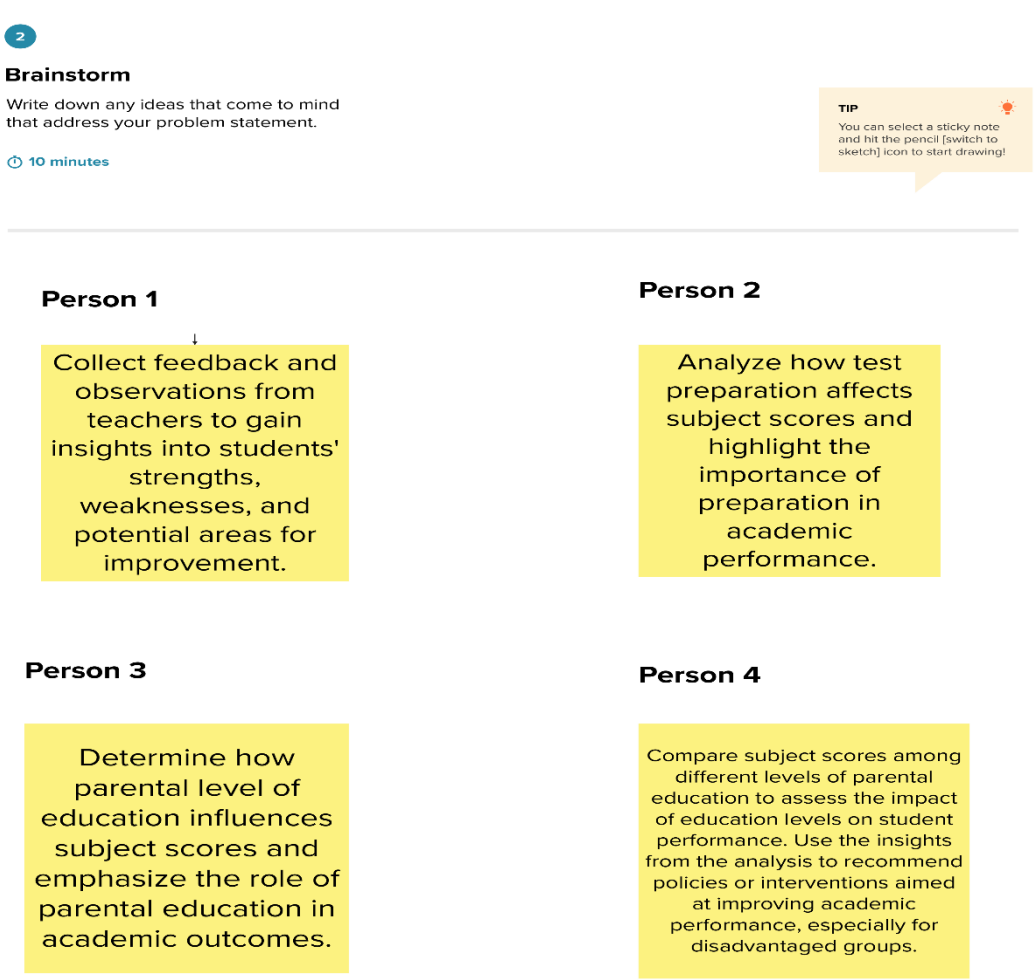


Fig. No. 3.3.2 Brainstorm & Ideas Listing

Group Ideas

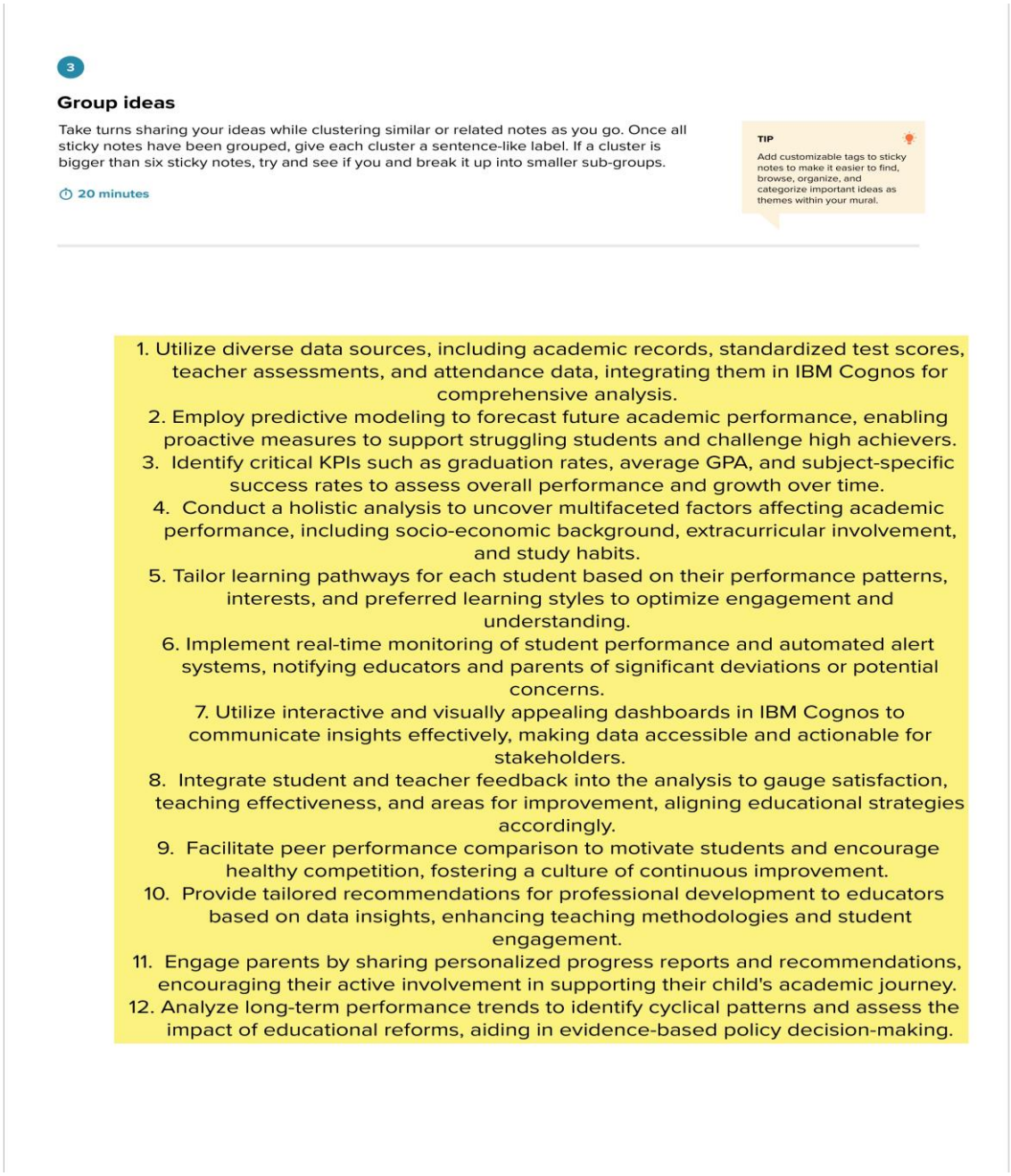


Fig. No. 3.3.3 Brainstorming & Idea Prioritization

Prioritization

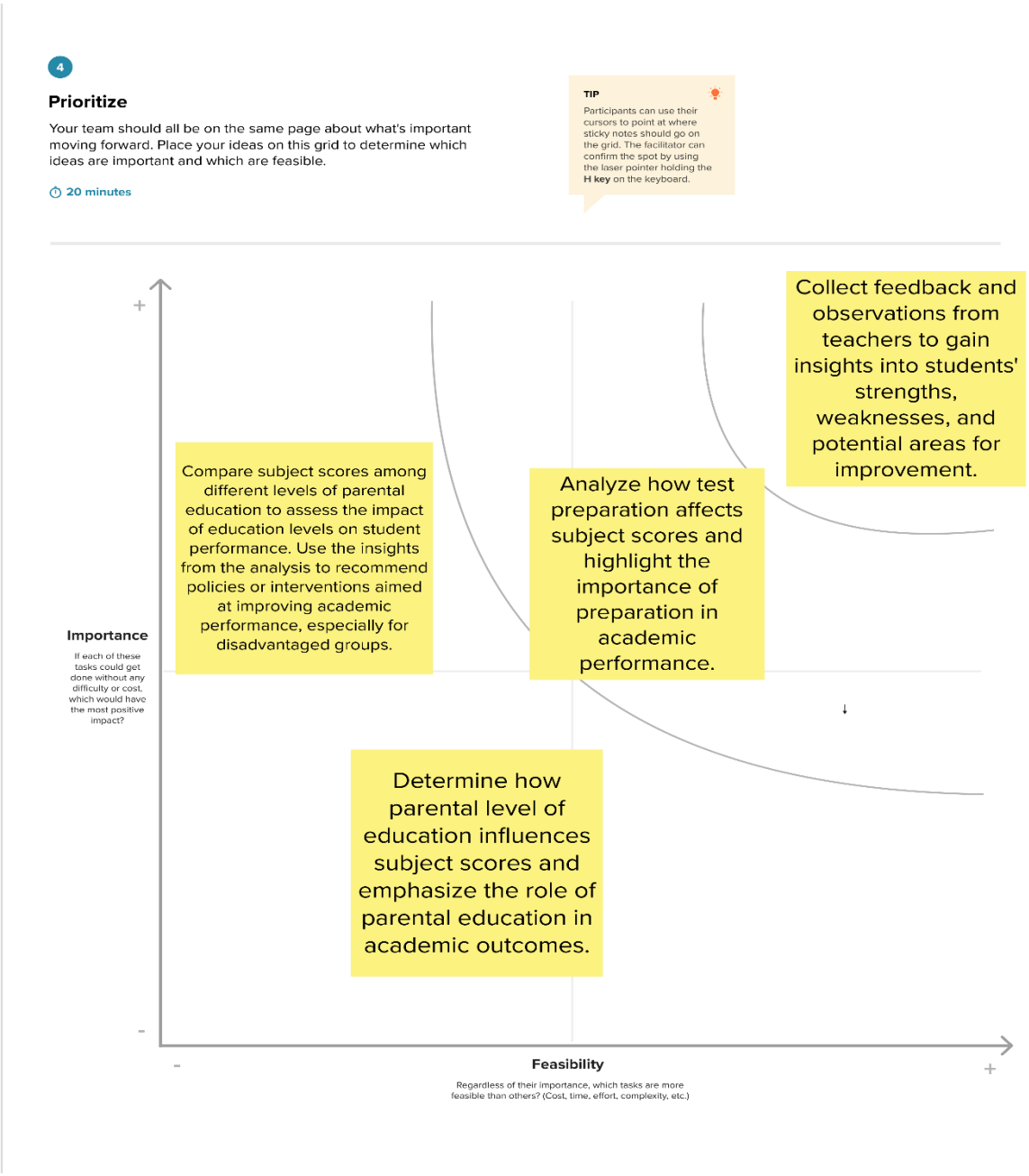


Fig.No.3.3.4 Brainstorming & Idea Prioritization

3.4 PROPOSED SOLUTION

S. No	Parameter	Description
1.	Problem Statement (Problem to be solved)	The project aims to enhance academic performance through data-driven analysis, pinpointing strengths and weaknesses in student classes and schools, and providing actionable recommendations for improvement.
2.	Idea / Solution description	Collect and analyze data with IBM Cognos to track student progress, identify contributing factors, and visualize performance via Flask-based UI with dashboards and reports.
3.	Novelty / Uniqueness	This project addresses the rising need for data-driven education solutions, targeting students, teachers, and administrators facing academic challenges. It acknowledges a broader trend of educators and institutions adopting similar projects and engaging with resources such as webinars, tutorials, and research papers to enhance academic outcomes.

4.	Social Impact / Customer Satisfaction	Educational institutions benefit by easily identifying student performance, goals, and tracking progress over time through this project.
5.	Business Model (Revenue Model)	The student performance analysis model provides tailored reporting and analysis services to schools and colleges, including custom reports and visualizations to meet their specific needs.
6.	Scalability of the Solution	Combining IBM Cognos with Flask empowers educational progress tracking and success factor identification.

Table No. 3.4 Proposed Solution

REQUIREMENT ANALYSIS

CHAPTER-4

REQUIREMENT ANALYSIS

4.1 FUNCTIONAL REQUIREMENTS

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Includes registration through a traditional form, registration through Gmail, and registration through LinkedIn.
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Login	Ensures that users access the system using appropriate and authorized user credentials.
FR-4	Dataset	Upload dataset into the analytics tool.
FR-5	Analysis	Involves the collection, processing, and exploration of information to uncover patterns, trends, and valuable insights within the data.
FR-6	Create Dashboard	Create various visualization elements such as charts, graphs, and tables to form a dashboard
FR-7	Reporting	The reporting function helps users have complete control over their business. The real-time reporting collects current information and displays.

Table No. 4.1 Functional Requirements

4.2 NON-FUNCTIONAL REQUIREMENTS

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Designed for optimal resource usage and accessibility to a broad audience.
NFR-2	Security	Any individual with the correct login credentials can access and view the dashboards and templates
NFR-3	Reliability	Templates are hosted on the cloud, ensuring their reliability and availability.
NFR-4	Performance	The system demonstrates high performance and efficiency
NFR-5	Availability	Cost-free and open to anyone interested in accessing sales data
NFR-6	Scalability	The dashboards and templates are highly scalable, allowing users to modify metrics according to their preferences.

Table No. 4.2 Non-Functional Requirements

PROJECT DESIGN

CHAPTER-5

PROJECT DESIGN

5.1 DATA FLOW DIAGRAMS

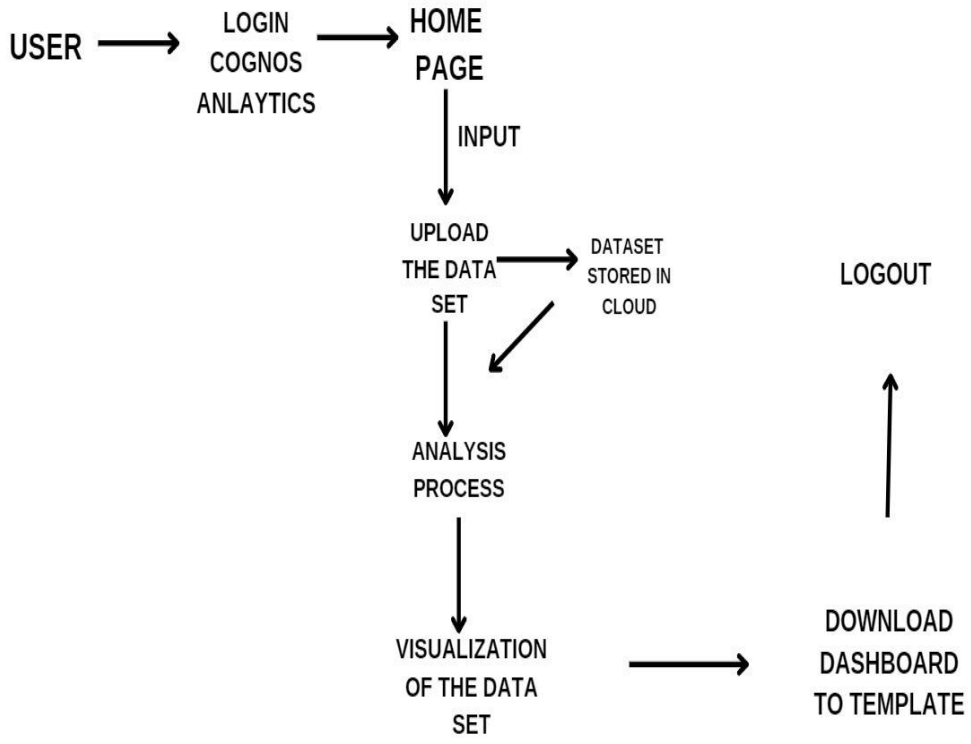
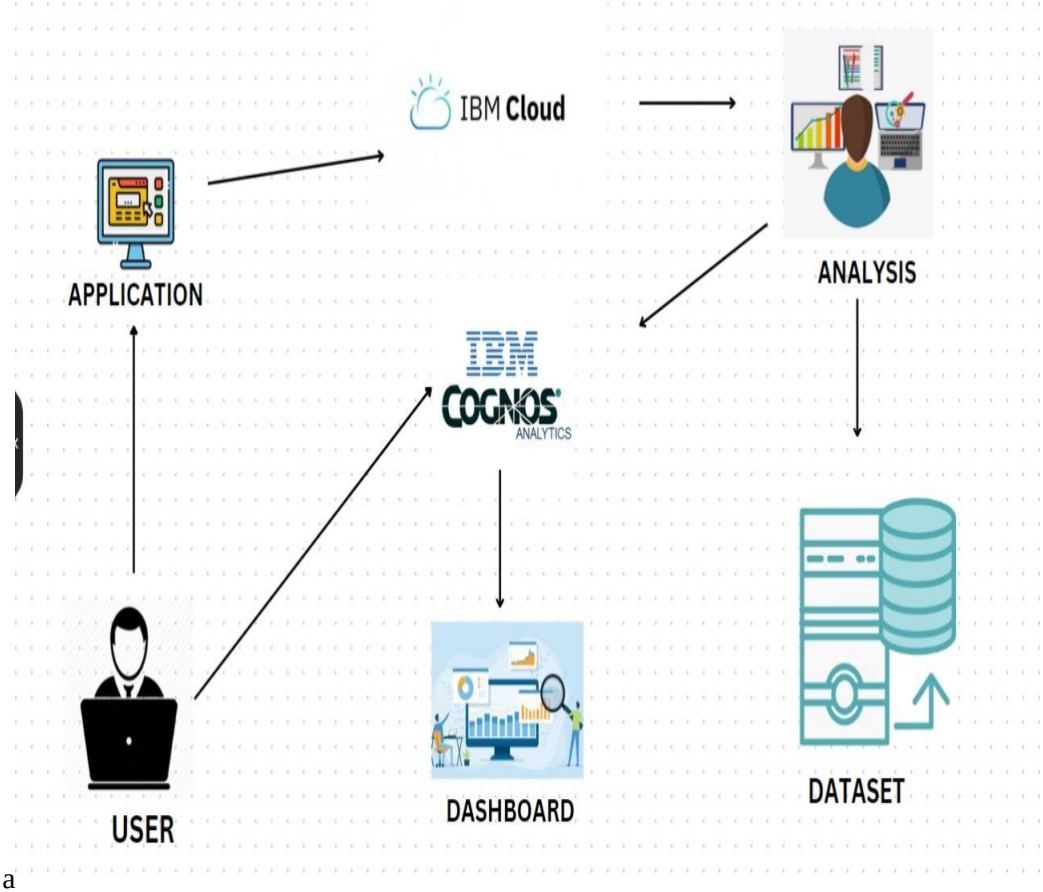


Fig.No. 5.1.1 Data Flow Diagram

5.2 SOLUTION AND TECHNICAL ARCHITECTURE

Technical Architecture:



a

Fig. No. 5.2.1 Solution & Technical Architecture

5.3 USER STORIES

User Type	Functional Requirement(Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority
Customer (Web user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High
	Login	USN-2	As a user, I can log into the application by entering email and password	I can access my account / dashboard	High
	Dashboard	USN-3	User can able to see and upload dataset option in the browser	The user can upload data set in Cognos analytics	High
	Dashboard	USN-4	If the user already used the Cognos analytics, we	The user can access the uploaded dataset	Low

			can able to see the previously uploaded dataset		
Admin	Login	USN-5	As an admin, I can log into the application by entering username & password	I can access the dashboards	High
	Dashboard	USN-6	As an admin, I can view the dashboard and otheractivities of the application.	I can access the dashboards	High

Table No. 5.3 User Stories

CODING & SOLUTIONING

CHAPTER-6

CODING & SOLUTIONING

6.1 FEATURE 1

The system's primary feature involves the integration of diverse data sources, including grades, test scores, attendance records, and surveys. It utilizes IBM Cognos for comprehensive data analysis to examine academic performance at multiple levels (individual, class, and school). This feature highlights the system's ability to collect and process a wide range of educational data to gain insights into academic strengths, weaknesses, and factors influencing student success or challenges.

6.2 FEATURE 2

The system is designed to tailor instructional strategies and provide targeted interventions based on the data analysis. It aims to enhance academic achievement by offering specific recommendations to address the identified issues. This feature emphasizes the system's role in not only analyzing student performance but also in suggesting actionable steps for improving educational outcomes.

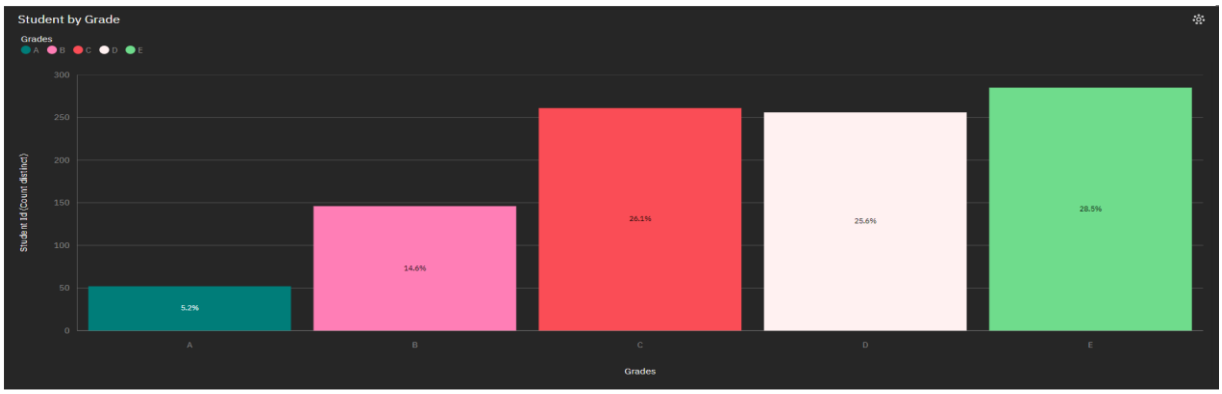


Fig.No.6.2.1 Student By Grade

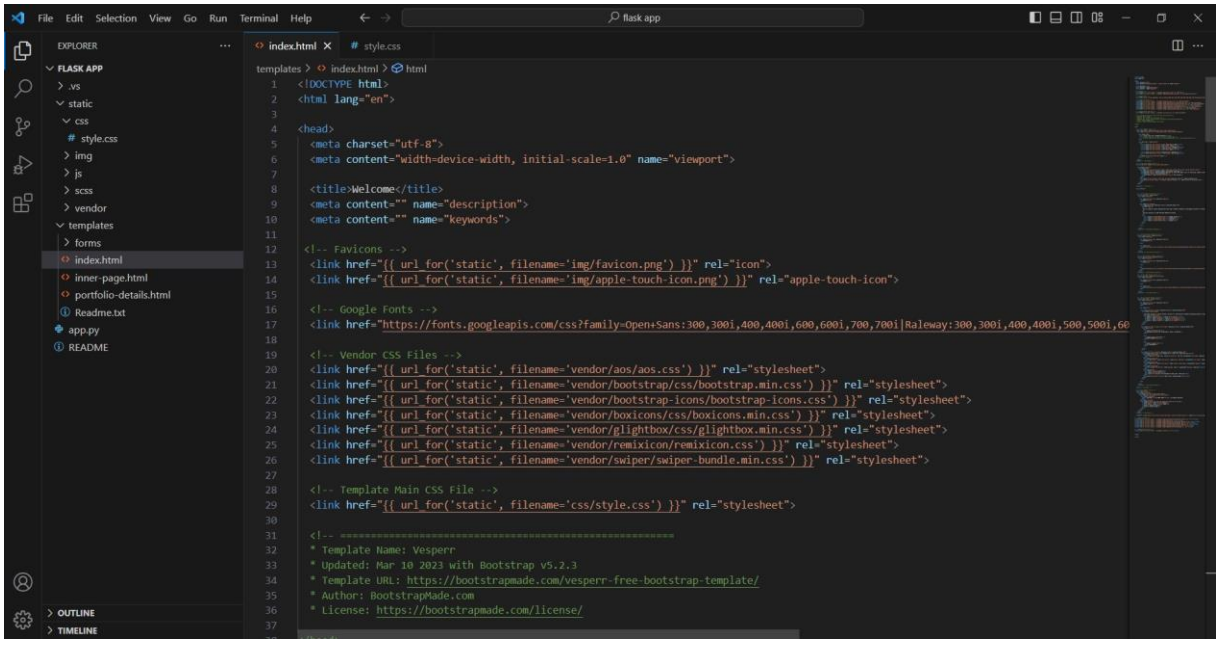
RESULTS

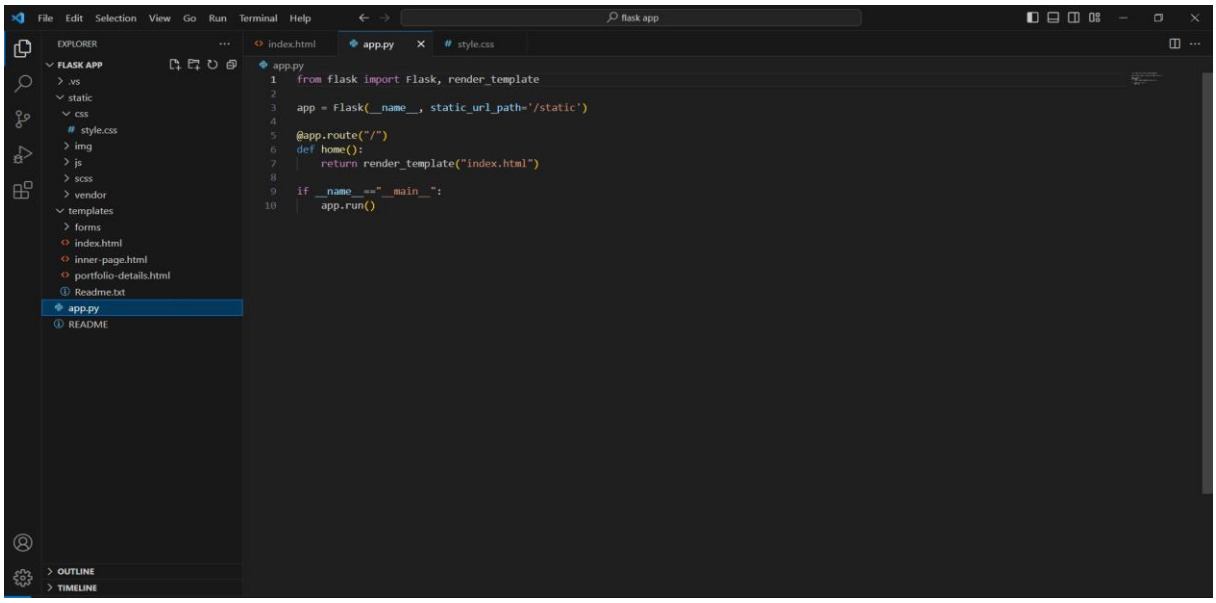
CHAPTER-7

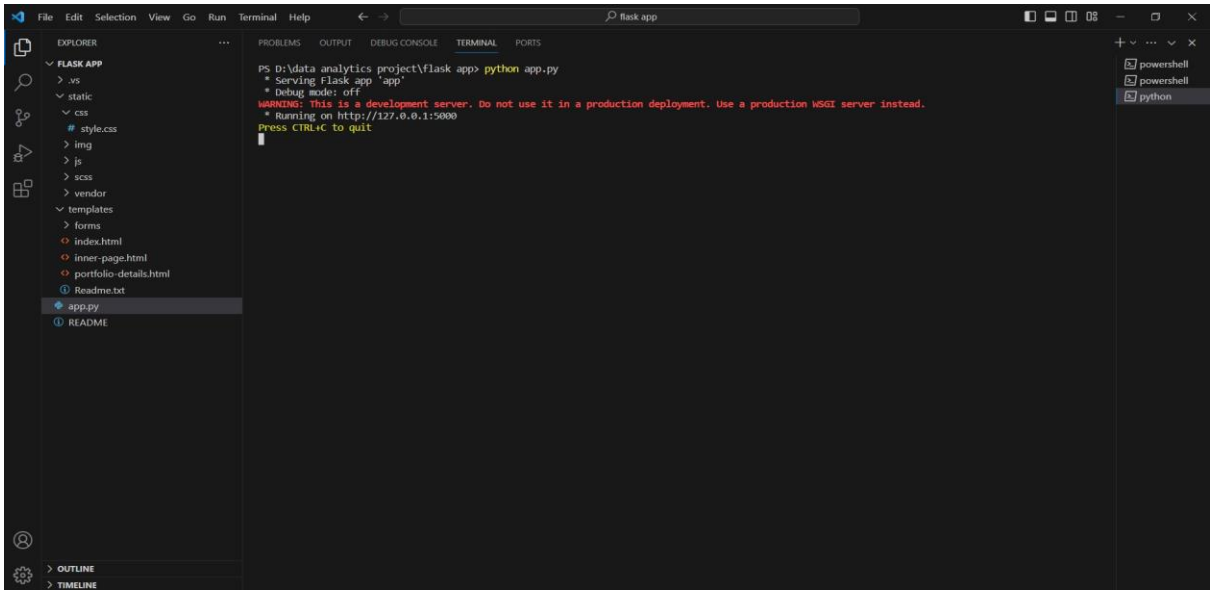
RESULTS

7.1 PERFORMANCE METRICS

```
from flask import Flask, render_template
app = Flask(_name_, static_url_path='/static')
@app.route("/")
def home():
    return render_template("index.html")
if _name=="main_":
    app.run()
```




File Edit Selection View Go Run Terminal Help
flask app
EXPLORER
FLASK APP
.vs
static
css
style.css
img
js
scss
vendor
templates
forms
index.html
inner-page.html
portfolio-details.html
Readme.txt
app.py
README
OUTLINE
TIMELINE
index.html
app.py
style.css
app.py
from flask import Flask, render_template
app = Flask(__name__, static_url_path='/static')
@app.route("/")
def home():
return render_template("index.html")
if __name__=="__main__":
app.run()


File Edit Selection View Go Run Terminal Help
flask app
EXPLORER
FLASK APP
.vs
static
css
style.css
img
js
scss
vendor
templates
forms
index.html
inner-page.html
portfolio-details.html
Readme.txt
app.py
README
OUTLINE
TIMELINE
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
PS D:\data analytics project\flask app> python app.py
* Serving Flask app 'app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
powershell
powershell
python

ADVANTAGES & DISADVANTAGES

CHAPTER-8

ADVANTAGES & DISADVANTAGES

Advantages:

- The system enables in-depth analysis of extensive data from various sources including grades, test scores, attendance, and surveys.
- It provides personalized instruction and suggests interventions based on a thorough analysis of each student's data.
- The data-driven approach facilitates informed decisions regarding curriculum design, instructional methods, and allocation of resources.
- It allows for early detection of students facing challenges, enabling timely and targeted interventions.
- It allows for early detection of students facing challenges, enabling timely and targeted interventions.

Disadvantages:

- Dependence on data quality and accuracy.
- Privacy and security concerns with student data.
- Potential overemphasis on quantitative data, overlooking qualitative factors.
- Resource and infrastructure requirements for implementation.
- Challenges in adoption and training for educators and administrators.

CONCLUSION

CHAPTER-9

CONCLUSION

In conclusion, the "Student Performance Analysis and Improvement Recommendations" initiative employs IBM Cognos to gather and analyze diverse academic data such as grades, test scores, attendance, and surveys. It tailors instructional approaches and suggests interventions to enhance student performance by pinpointing strengths, weaknesses, and the underlying factors influencing success or difficulties.

The expected outcomes revolve around gaining valuable insights into student performance, identifying areas ripe for improvement, and providing targeted recommendations to elevate academic achievement. This project underscores the pivotal role of analyzing student performance in enhancing overall academic outcomes, with IBM Cognos standing out as a robust tool to facilitate this process. At its core, this initiative demonstrates the immense potential of leveraging data-driven analysis to propel advancements in academic performance.

FUTURE SCOPE

CHAPTER-10

FUTURE SCOPE

- **Predictive Analytics:** Using early signs of academic struggles or achievements to offer timely assistance and proactive support.
- **Integration of Diverse Data Sources:** Blending various data types, including academic records, test scores, attendance, and extracurricular involvement, to gain a holistic view of a student's advancement.
- **Personalized Learning:** Customizing guidance and support according to each student's unique needs and learning preferences.
- **Emotional Intelligence Monitoring:** Evaluating emotional well-being, stress levels, and engagement during learning to enhance motivation and involvement.

APPENDIX

CHAPTER-11

APPENDIX

A.1 SOURCE CODE

Index.html

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

<head>
  <meta charset="utf-8">
  <meta content="width=device-width, initial-scale=1.0" name="viewport">
  <title>Welcome</title>
  <meta content="" name="description">
  <meta content="" name="keywords">

 <!-- Favicons -->
  <link href="{{ url_for('static', filename='img/favicon.png') }}" rel="icon">
  <link href="{{ url_for('static', filename='img/apple-touch-icon.png') }}" rel="apple-
touch-icon">

  <!-- Google Fonts -->
  <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600
i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,300i,4
00,400i,500,500i,600,600i,700,700i" rel="stylesheet">

  <!-- Vendor CSS Files -->
  <link href="{{ url_for('static', filename='vendor/aos/aos.css') }}" rel="stylesheet">
  <link href="{{ url_for('static', filename='vendor/bootstrap/css/bootstrap.min.css') }}"
rel="stylesheet">
  <link href="{{ url_for('static', filename='vendor/bootstrap-icons/bootstrap-icons.css')
}}" rel="stylesheet">
  <link href="{{ url_for('static', filename='vendor/boxicons/css/boxicons.min.css') }}"
rel="stylesheet">
  <link href="{{ url_for('static', filename='vendor/glightbox/css/glightbox.min.css')
}}" rel="stylesheet">
  <link href="{{ url_for('static', filename='vendor/remixicon/remixicon.css') }}"
rel="stylesheet">
  <link href="{{ url_for('static', filename='vendor/swiper/swiper-bundle.min.css') }}"
rel="stylesheet">
```

```
<link href="{{ url_for('static', filename='css/style.css') }}" rel="stylesheet">

  <!-- ======================================================
  * Template Name: Vesperr
  * Updated: Mar 10 2023 with Bootstrap v5.2.3
  * Template URL: https://bootstrapmade.com/vesperr-free-bootstrap-template/
  * Author: BootstrapMade.com
  * License: https://bootstrapmade.com/license/
</head><body>

  <!-- ======= Header ======= -->
  <header id="header" class="fixed-top d-flex align-items-center">
    <div class="container d-flex align-items-center justify-content-between">

      <div class="logo">
        <h1><a href="index.html">student analysis</a></h1>
        <!-- Uncomment below if you prefer to use an image logo -->
        <!-- <a href="index.html"><img src="assets/img/logo.png" alt="" class="img-
fluid"></a>-->
      </div>
      <nav id="navbar" class="navbar">
        <ul>
          <li><a class="nav-link scrollto active" href="#hero">Home</a></li>
          <li><a class="nav-link scrollto" href="#about">About</a></li>
          <li><a class="nav-link scrollto" href="#services">Dashboard</a></li>
          <li><a class="nav-link scrollto " href="#portfolio">Story</a></li>
          <li><a class="nav-link scrollto" href="#team">Report</a></li>
          <li><a class="nav-link scrollto" href="#contact">Contact</a></li>
          <li><a class="getstarted scrollto" href="#about">Get Started</a></li>
        </ul>
        <i class="bi bi-list mobile-nav-toggle"></i>
      </nav><!-- .navbar -->
    </div>
  </header><!-- End Header -->

  <!-- ======= Hero Section ======= -->
  <section id="hero" class="d-flex align-items-center">
    <div class="container">
      <div class="row">
        <div class="col-lg-6 pt-5 pt-lg-0 order-2 order-lg-1 d-flex flex-column justify-
content-center">
          <h1 data-aos="fade-up">Student academic performance analysis</h1>
          <h2 data-aos="fade-up" data-aos-delay="400">Here we using IBM cognos
```

```
for analysing student's performance</h2>
          <div data-aos="fade-up" data-aos-delay="800">
            <a href="#about" class="btn-get-started scrollto">Get Started</a>
          </div>
        </div>
        <div class="col-lg-6 order-1 order-lg-2 hero-img" data-aos="fade-left" data-aos-delay="200">
          <img src="{{ url_for('static', filename='img/hero-img.png') }}" class="img-fluid animated" alt="">
        </div>
      </div>
    </div>
  </section><!-- End Hero -->
  <main id="main">

    <!-- ======= About Us Section ======= -->
    <section id="about" class="about">
      <div class="container">
        <div class="section-title" data-aos="fade-up">
          <h2>About Us</h2>
        </div>
        <div class="row content">
          <div class="col-lg-6" data-aos="fade-up" data-aos-delay="150">
            <h3>RSSS Team</h3>
            <p>
              We are Computer Science Engineering final year students studying at Knowledge Institute of Technology.
            </p>
            <p>
              We here working on a IBM and Naan Mudhalvan Project.
            </p>
            <ul>
              <li><i class="ri-check-double-line"></i> Sahana Sruthi S</li>
              <li><i class="ri-check-double-line"></i> Sandhiya S</li>
              <li><i class="ri-check-double-line"></i> Rohinth V</li>
              <li><i class="ri-check-double-line"></i> Sanjay S</li>
            </ul>
          </div>
        </div>
      </div>
    </section><!-- End About Us Section -->

    <!-- ======= Services Section ======= -->
    <section id="services" class="services">
```

```
 <div class="container">
       <div class="section-title" data-aos="fade-up">
         <h2>Dashboard</h2>
       </div>

       <div class="row">
         <iframe
src="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&amp;pathRef=.my_
folders%2Fstudent_performance_dashboard&amp;closeWindowOnLastView=true&a
mp;ui_appbar=false&amp;ui_navbar=false&amp;shareMode=embedded&amp;action
=view&amp;mode=dashboard&amp;subView=model0000018b3c54a492_00000000"
width="1270" height="570" frameborder="0" gesture="media" allow="encrypted-
media" allowfullscreen=""></iframe>
       </div>
     </div>
   </section><!-- End Services Section -->


   <!-- ======= Portfolio Section ======= -->
   <section id="portfolio" class="portfolio">
     <div class="container">
       <div class="section-title" data-aos="fade-up">
         <h2>Story</h2>
       </div>
       <div >
         <iframe
src="https://us1.ca.analytics.ibm.com/bi/?perspective=story&amp;pathRef=.my_folder
s%2Fstudent_performance_story&amp;closeWindowOnLastView=true&amp;ui_appb
ar=false&amp;ui_navbar=false&amp;shareMode=embedded&amp;action=view&amp;
sceneId=model0000018b3ce113b7_00000002&amp;sceneTime=0" width="1270"
height="570" frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>
       </div>
     </div>
   </section><!-- End Portfolio Section -->
  <!-- ======= Team Section ======= -->
   <section id="team" class="team section-bg">
     <div class="container">
       <div class="section-title" data-aos="fade-up">
         <h2>Report</h2>
       </div>
       <div class="row">
         <iframe
src="https://us1.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2Fstudent_perform
```

```
ce_report&amp;closeWindowOnLastView=true&amp;ui_appbar=false&amp;ui_navbar=false&amp;shareMode=embedded&amp;action=run&amp;format=HTML&amp;prompt=false" width="320" height="500" frameborder="0" gesture="media" allow="encrypted-media" allowfullscreen=""></iframe>
      </div>
  </div>
   </section><!-- End Team Section -->
   <!-- ======= Contact Section ======= -->
   <section id="contact" class="contact">
    <div class="container">
     <div class="section-title" data-aos="fade-up">
      <h2>Contact Us</h2>
     </div>
     <div class="row">
      <div class="col-lg-4 col-md-6" data-aos="fade-up" data-aos-delay="100">
       <div class="contact-about">
        <p>We here working on a data analytics project for analysing the student performance based on their academics activities.</p>
        <div class="social-links">
         <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>
       </div>
      </div>
      <div class="col-lg-3 col-md-6 mt-4 mt-md-0" data-aos="fade-up" data-aos-delay="200">
       <div class="info">
        <div>
         <i class="ri-map-pin-line"></i>
         <p>Knowledge Institute Of Technology<br>Salem, TN-637504</p>
        </div>
        <div>
         <i class="ri-mail-send-line"></i>
         <p>2k20cse120@kiot.ac.in</p>
        </div>
        <div>
         <i class="ri-phone-line"></i>
         <p>+91 9364606060</p>
        </div>
       </div>
      </div>
```

```
<div class="col-lg-5 col-md-12" data-aos="fade-up" data-aos-delay="300">
          <form action="forms/contact.php" method="post" role="form" class="php-email-form">
            <div class="form-group">
              <input type="text" name="name" class="form-control" id="name" placeholder="Your Name" required>
            </div>
            <div class="form-group">
              <input type="email" class="form-control" name="email" id="email" placeholder="Your Email" required>
            </div>
            <div class="form-group">
              <input type="text" class="form-control" name="subject" id="subject" placeholder="Subject" required>
            </div>
            <div class="form-group">
              <textarea class="form-control" name="message" rows="5" placeholder="Message" required></textarea>
            </div>
            <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>
            <div class="text-center"><button type="submit">Send Message</button></div>
          </form>
        </div>
      </div>
    </div>
  </section><!-- End Contact Section -->
 </main><!-- End #main -->
 <!-- ======= Footer ======= -->
 <footer id="footer">
  <div class="container">
   <div class="row d-flex align-items-center">
    <div class="col-lg-6 text-lg-left text-center">
     <div class="copyright">
      &copy; Copyright <strong>RSSS TEAM</strong>. All Rights Reserved
     </div>
    <div class="col-lg-6">
     <nav class="footer-links text-lg-right text-center pt-2 pt-lg-0">
      <a href="#intro" class="scrollto">Home</a>
      <a href="#about" class="scrollto">About</a>
```

```
 <a href="#">Privacy Policy</a>
          <a href="#">Terms of Use</a>
        </nav>
       </div>
      </div>
    </div>
  </footer><!-- End Footer -->

  <a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i
class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script src="{{ url_for('static', filename='vendor/purecounter/purecounter_vanilla.js')
}}"></script>
<script src="{{ url_for('static', filename='vendor/aos/aos.js') }}"></script>
<script src="{{ url_for('static', filename='vendor/bootstrap/js/bootstrap.bundle.min.js')
}}"></script>
<script src="{{ url_for('static', filename='vendor/glightbox/js/glightbox.min.js')
}}"></script>
<script src="{{ url_for('static', filename='vendor/isotope-layout/isotope.pkgd.min.js')
}}"></script>
<script src="{{ url_for('static', filename='vendor/swiper/swiper-bundle.min.js')
}}"></script>
<script src="{{ url_for('static', filename='vendor/php-email-form/validate.js')
}}"></script>

<!-- Template Main JS File -->
<script src="{{ url_for('static', filename='js/main.js') }}"></script>

</body>
</html>
```

A.2 SCREEN SHOTS:

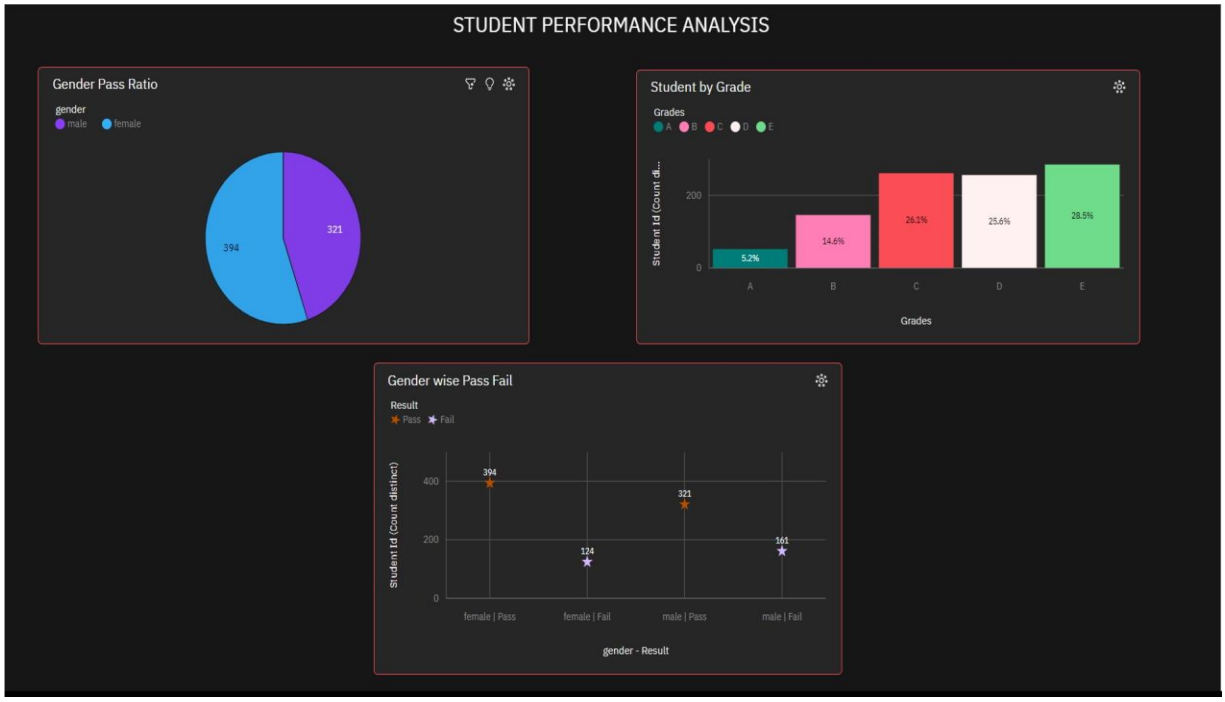


Fig. No. A.2.1 Dashboard Tab1

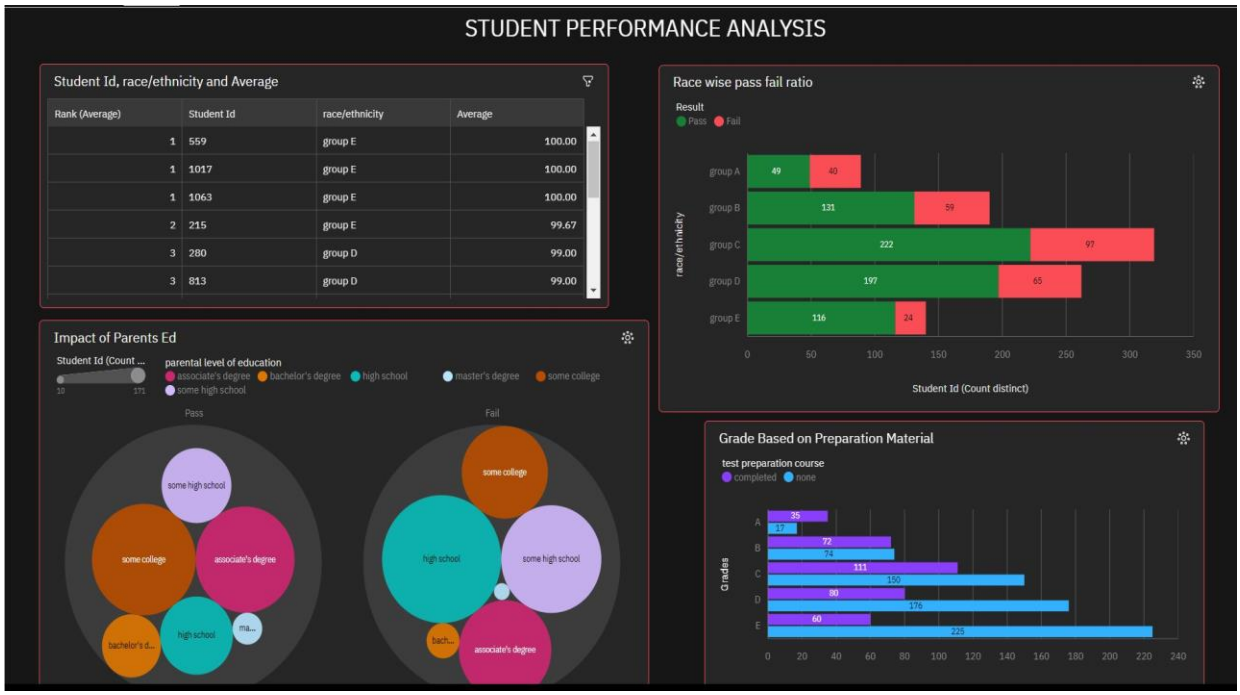


Fig. No. A.2.2 Dashboard Tab2

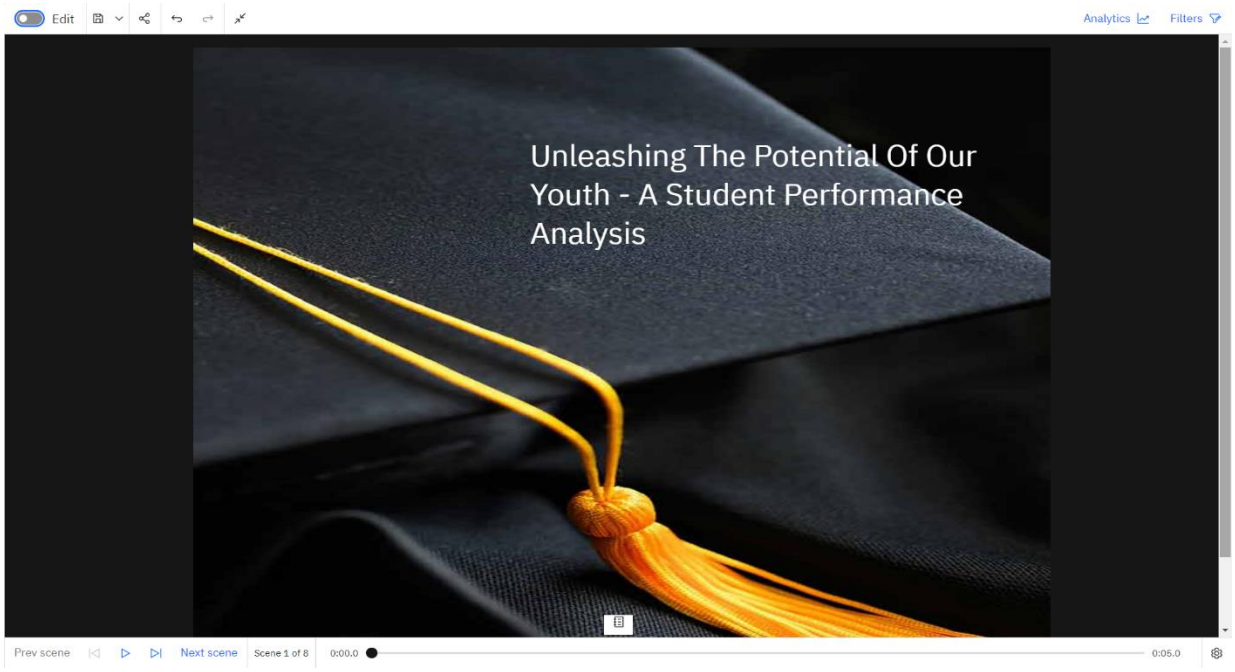


Fig. No. A.2.3 Story

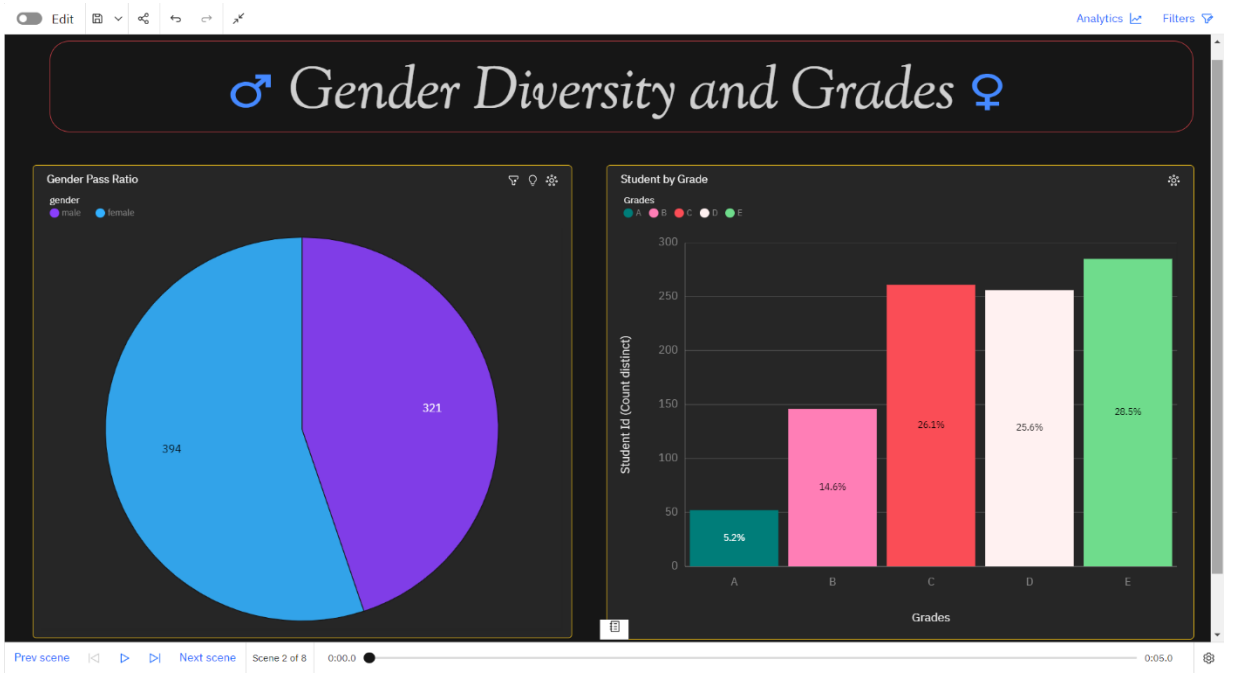


Fig. No. A.2.4 Story Scene1

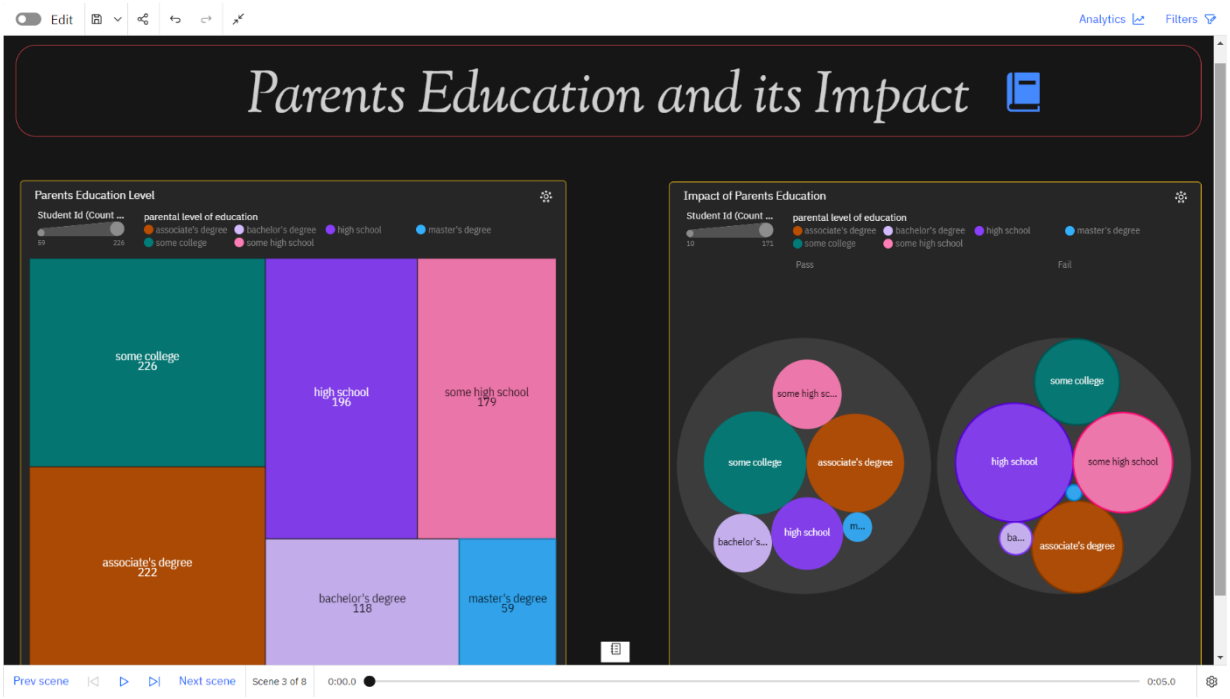


Fig. No. A.2.5 Story Scene2

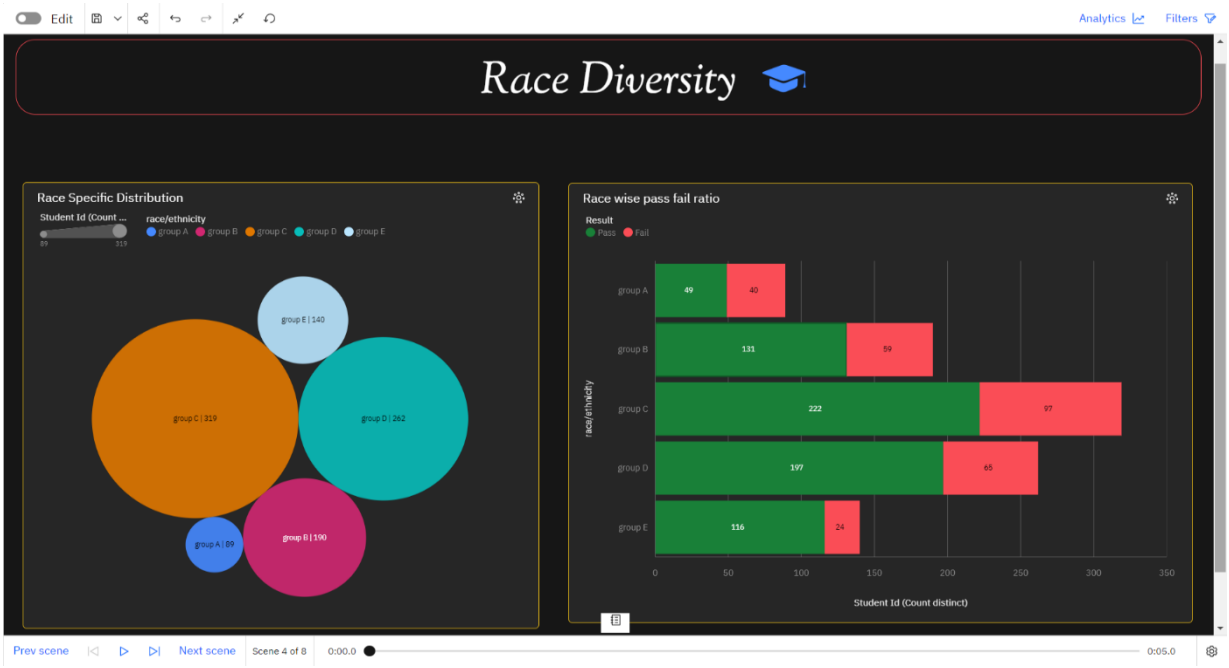


Fig. No. A.2.6 Story Scene3

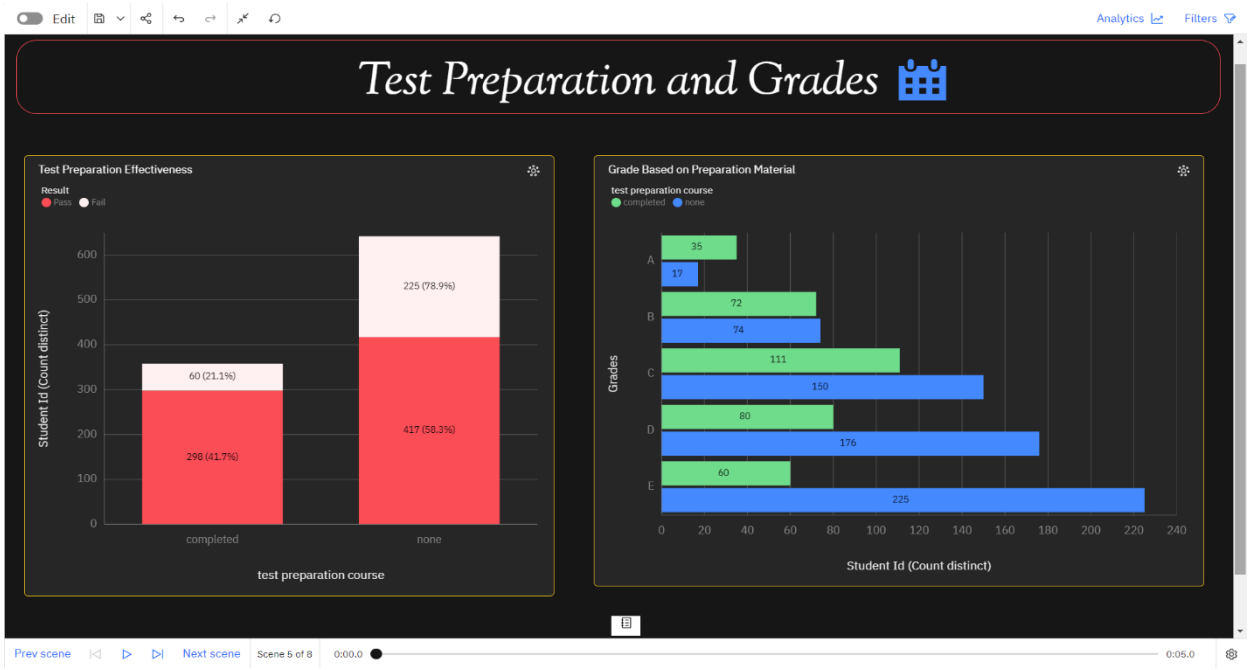


Fig. No. A.2.7 Story Scene4

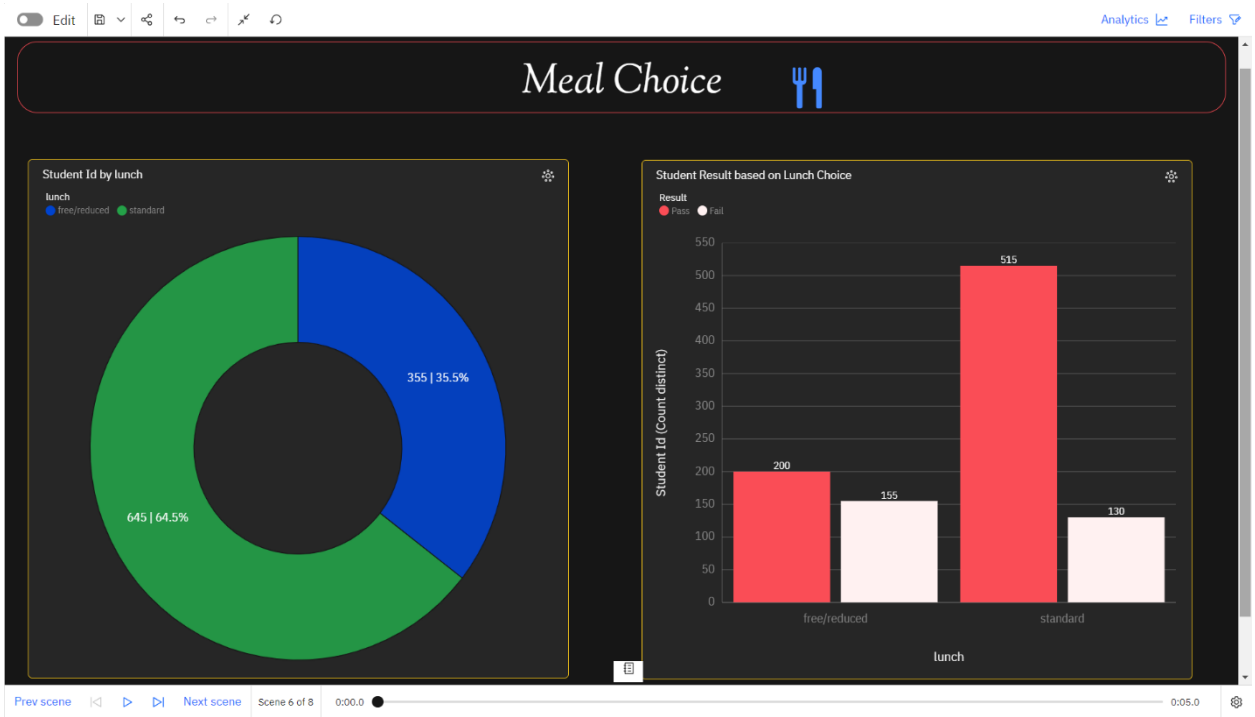


Fig. No. A.2.8 Story Scene5

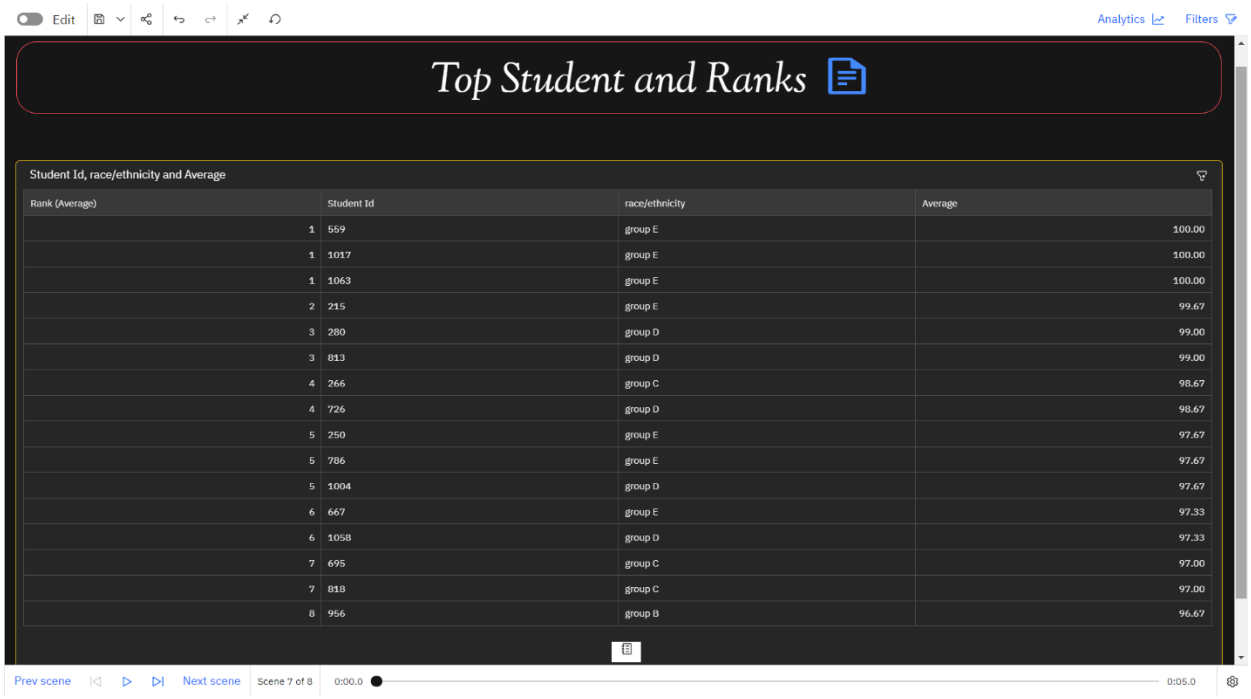


Fig. No. A.2.9 Story Scene6

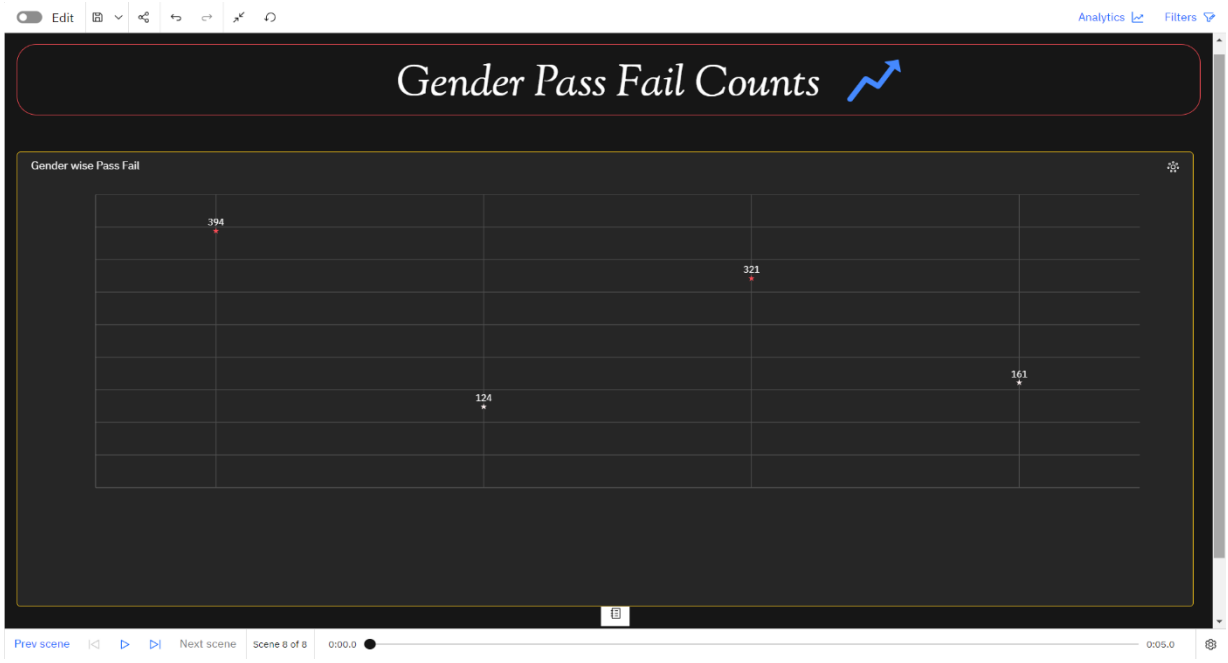


Fig. No. A.2.10 Story Scene7

Fig. No. A.2.11 Report

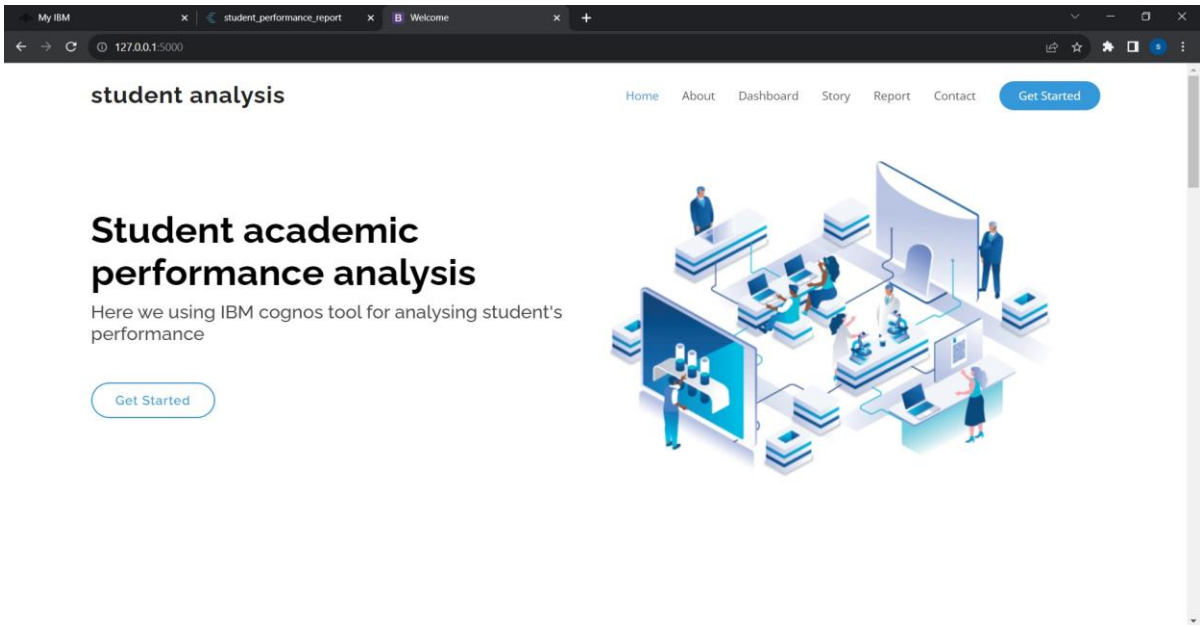


Fig. No. A.2.12 Home Section

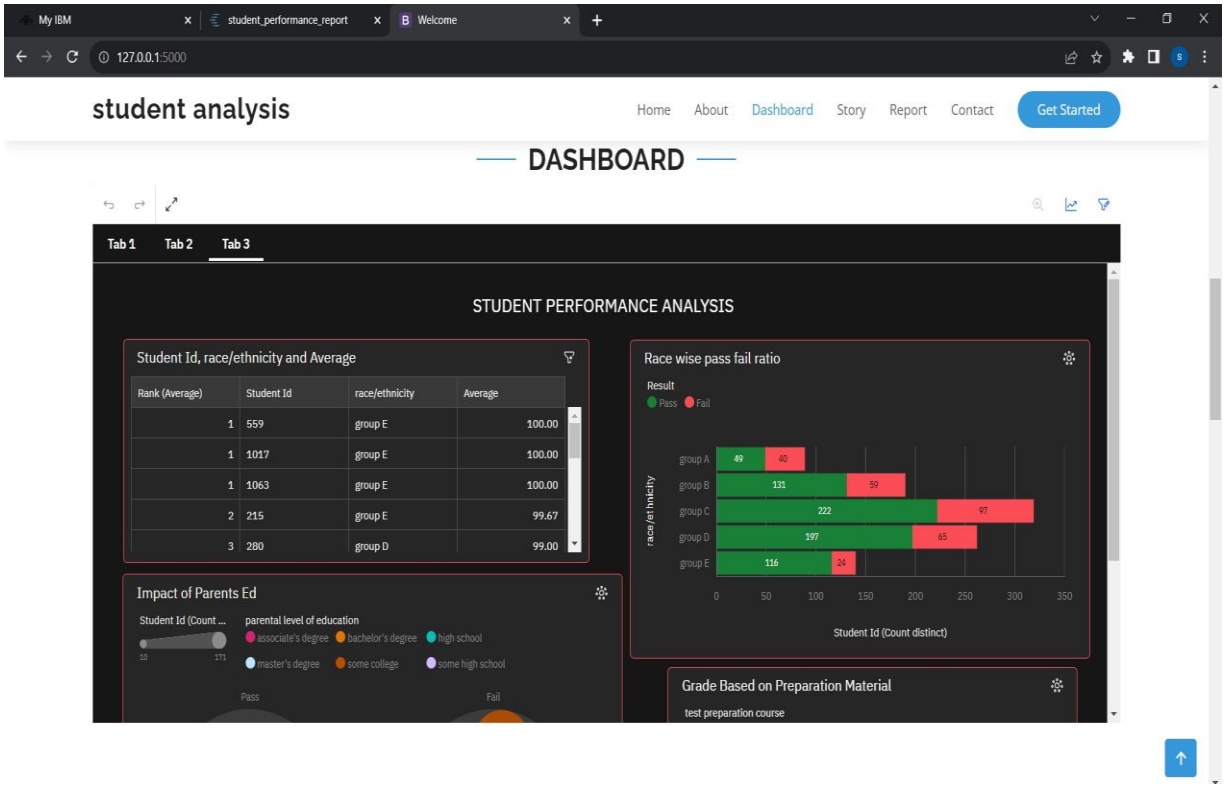


Fig. No. A.2.13 Dashboard Section

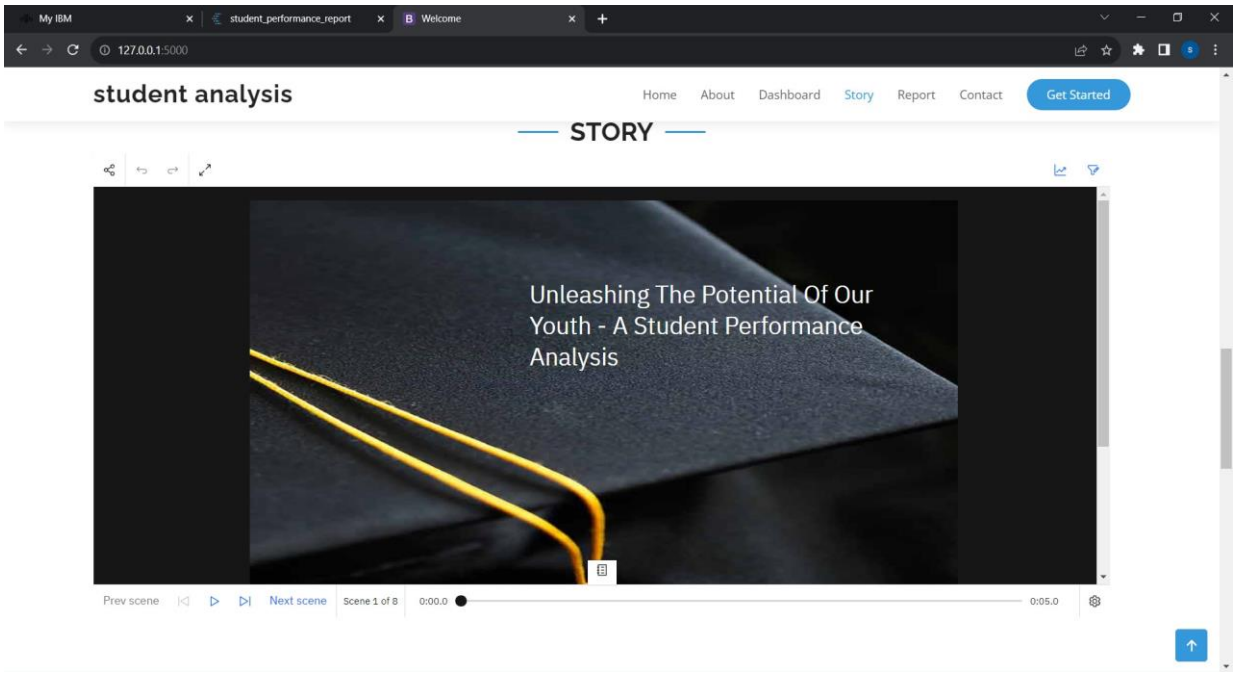


Fig. No. A.2.14 Story Section

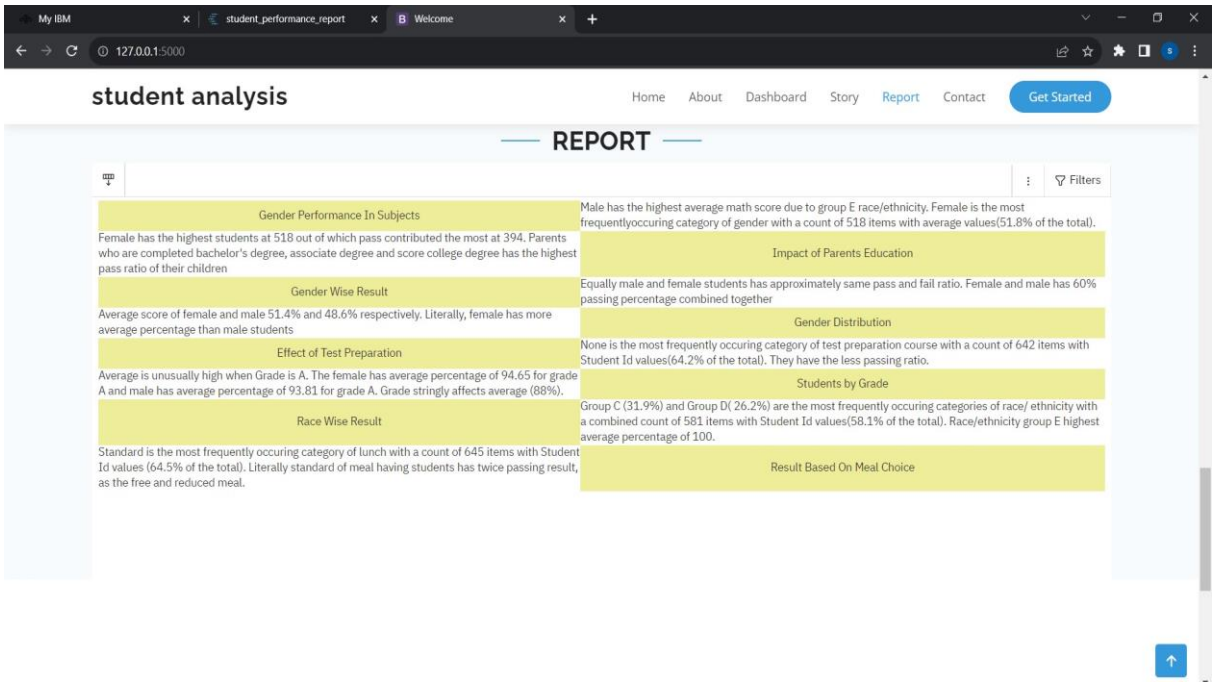


Fig. No. A.2.15 Report Section

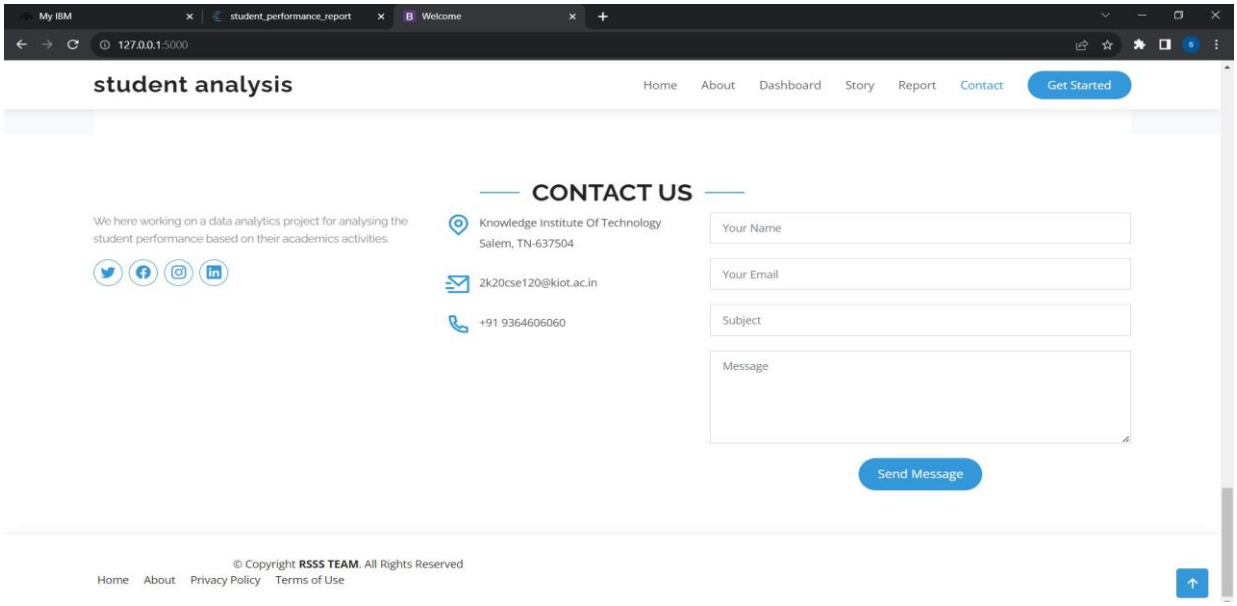


Fig. No. A.2.16 Contact Section

GITHUB & DEMO LINK

GitHub

https://github.com/SahanaSruthiS/NaanMudhalvan_DataAnalytics_NM2023TMID01992/tree/main

Demo link -

https://drive.google.com/file/d/1dPjjcS0boVPdn7oKvBccIT0iKYCAtAO8/view?usp=sharing

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