Model Program Book

SHORT□TERM INTERNSHIP

(On-Site/Virtual)

Designed & Developed by

ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION
(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

SESHAGIRI & TEAM

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D LAKSHMI

02

B KUNAAL

N SURENDRA

Y LOHIT

Acknowledgement

I would sincerely like to thank APSCHE for providing me with the short-term immersion Internship which helped me again practical experience and knowledge on Data-Analytics.

I thank our respected Principal Sir Dr. G.S.K. Chakravarthy for giving me this wonderful opportunity

I would also like to thank our Head of the Department Mr. N.K. Mahesh, Department of BBA, and our guide Dr. JL Purnima for being a wonderful mentor throughout my project.

I thank almighty / god, my parents and my friends without whose help this project would not have been completed

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CHAPTER 1: EXECUTIVE SUMMARY

The internship report shall have only a one-page executive summary. It shall include five or more Learning Objectives and Outcomes achieved, a brief description of the sector of business and intern organization and summary of all the activities done by the intern during the period.

- Description of Academic performance stress of Students

During my internship at Smart Bridge, focusing on data analytics with Power BI. The primary goal of this Internship were to enhance my analytic skills, and understand the application of data analytics in real work business scenarios.

- Learning objectives and outcomes

- Proficiency in power BI - Data analytics techniques
- Business sector understanding - Project management
- Communication skills

- Summary of internship activities

- Attending live training sessions and project mentoring sessions
- Selection the topic " Evaluating investment opportunities analyzing ~~sta.~~ academic performance of stress of students with power BI.

CHAPTER 2: OVERVIEW OF THE ORGANIZATION

Suggestive contents

A. Introduction of the Organization
B. Vision, Mission, and Values of the Organization
C. Policy of the Organization, in relation to the intern role
D. Organizational Structure
E. Roles and responsibilities of the employees in which the intern is placed.
F. Performance of the Organization in terms of turnover, profits, market reach and market value.
G. Future Plans of the Organization.

Smart Bridge is a platform that offers virtual internship to the students. The platform goal is to prepare students for the job market by establishing a cooperative relationship between industry & Academic smart bridge partner with companies such as google to offer virtual internships. the internships provide students with hand on experience with the latest technology, and enable project-based learning smart Bridge's flagship event is the 'Summer internship program' the program develops students skills in emerging technologies i.e 1) Artificial Intelligence 2) Machine learning 3) Internet of things

- Organization's objective

Smart Bridge main objective is to bridge the

existing gaps between prevailing industry standards and what the academic offers to graduates while passing out of university. Smart Bridge offers suitable skill development (&) Training to young talent before on boarding the first job their skill development programmes are designed considering the present in demand skills in the industry. We there by work along the line to offers Bid programs that helps the students to gain practical knowledge and hands on training to learn skills of the future. Therefore, the main objectives of Smart Bridge is providing internship for every students promote industry.

Approved profesional electives, and become a talent factory of India by 2026.

CHAPTER 3: INTERNSHIP PART

Description of the Activities/Responsibilities in the Intern Organization during Internship, which shall include - details of working conditions, weekly work schedule, equipment used, and tasks performed. This part could end by reflecting on what kind of skills the intern acquired.

- Description of the activities / Responsibilities undertaken
- Registering with APSCHE smart intern and enrolling for Smart Bridge's data analytics with power BI course i.e, training sessions as per the pre-scheduled calender.
- Participating weekly quiz & completing weekly assignments with respected to data analytics.
- Team formation & selection of project topic " Evaluating Investment opportunities . Analyzing academic performance of students of stress with power BI.
- Gathering, cleaning & analysing the Excel data set of the project topic - " Evaluating academic stress of students"
- Attending project - mentoring sessions and designing and developing interactive dashboard, story report on the project topic using power BI.
- Drafting a project weido demonstration and preparation as final report,
- Submission of team project via uploading the project files in GITHUB repositary of team.

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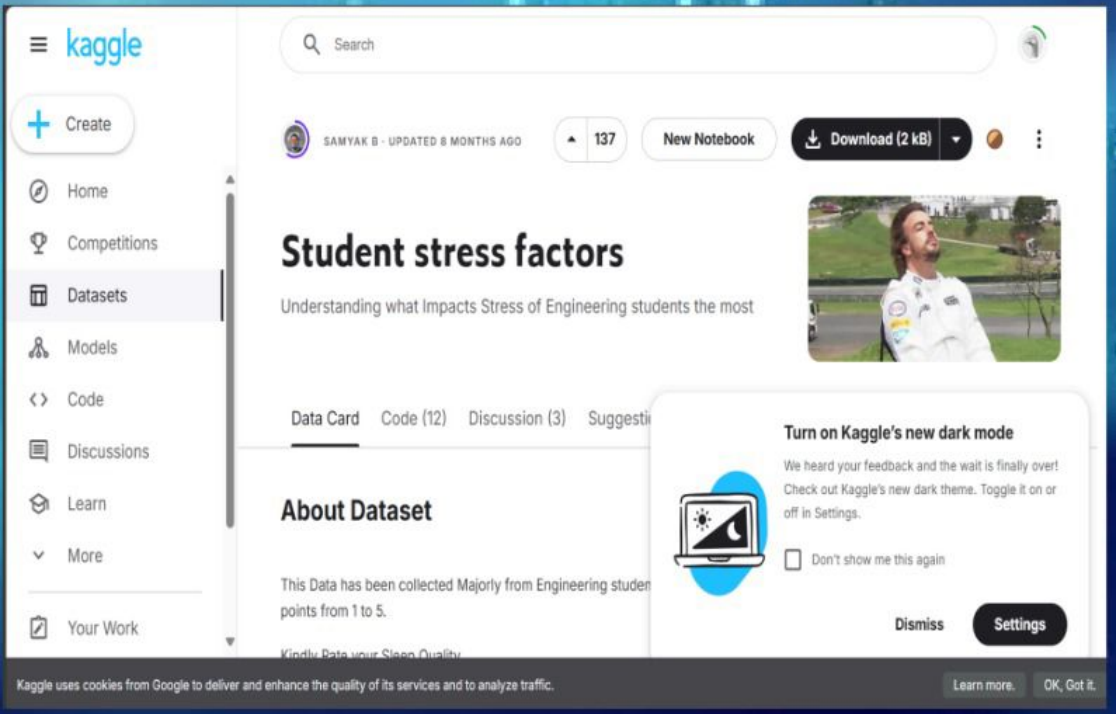
TOPIC-

ACADEMIC PERFORMANCE STRESS OF STUDENTS

DATA COLLETION:

Download the dataset using the link below.

Student stress factors (kaggle.com)



# Kindly Rate your ... sleep quality	# How many times... Headaches	# How would you r... Academic Performance	# how would you r... Study Load	# How many times... Extracurricular Activitie
1 – 5	1 – 5	1 – 5	1 – 5	1
3	1	3	4	2
4	1	2	3	3
2	1	2	1	4
3	2	3	2	3
2	3	1	5	5
3	1	3	2	1
3	5	1	4	3
4	3	1	4	1
2	1	4	4	5

DATA EXTRACTION FROM DATABASE:

Kindly Rate your Sleep Quality 😴	How many times a week you practice extracurricular activities 🏸?	How would you rate you academic performan
1	1	
1	1	
1	1	
1	2	
1	3	
1	5	
1	5	
2	1	
2	1	
2	1	
2	1	
2	1	
2	2	
2	2	
2	2	
2	2	
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2	2	
2	3	
2	3	
2	3	
2	3	
2	4	
2	4	
2	5	
2	5	
2	5	

UNDERSTAND THE DATA:

Understanding student stress involves looking at various factors that contribute to their mental and emotional well-being. Here are some key aspects and data points commonly examined:

1.Academic Pressure: This is one of the primary sources of stress. High expectations from parents, teachers, and themselves can lead to significant anxiety. This includes stress from exams, assignments, and maintaining high grades.

2.Time Management: Many students struggle with balancing academic responsibilities with extracurricular activities, part-time jobs, and personal time. Poor time management can exacerbate stress levels.

3.Social Factors: Relationships with peers and social dynamics can impact stress. Issues such as bullying, social exclusion, or pressure to fit in can contribute to anxiety and stress.

4.Financial Concerns: Students, especially those who are financially independent or managing student loans, may experience stress related to their financial situation.

5.Family Expectations: Expectations from family members, including pressure to pursue certain careers or excel academically, can also be a significant stressor.

DATA PREPARATION:

PREPARE THE DATA FOR VISUALIZATION:

Student Stress Factors (2).csv

File Origin: 65001: Unicode (UTF-8)

Delimiter: Comma

Data Type Detection: Based on first 200 rows

Kindly Rate your Sleep Quality	How many times a week do you suffer headaches?	How would you rate you academic performance?	how would you rate your study load?	How many times a week you practice extracu
3	1	3	4	
4	1	2	3	
2	1	2	1	
3	2	3	2	
2	3	1	5	
3	1	3	2	
3	5	1	4	
4	3	1	4	
2	1	4	4	
1	2	3	2	
2	3	5	5	
3	1	5	1	
2	3	3	4	
4	1	4	4	
4	1	3	2	
2	3	3	5	
3	1	3	3	
1	1	1	1	
2	1	3	1	
2	3	3	2	

The data in the preview has been truncated due to size limits.

Extract Table Using Examples | Load | Transform Data | Cancel

DATA CLEANING:

How many times a week do you suffer headaches 🤕?	How many times a week you practice extracurricular activities 🏸?	How would you rate you academic performance 👨‍🎓?	How would you rate your stress lev
1	1	1	
1	1	3	
1	1	3	
1	1	3	
1	1	4	
1	1	4	
1	1	4	
1	1	4	
1	1	4	
1	1	4	
1	1	4	
1	1	4	
1	1	4	
1	1	4	
1	2	2	
1	2	3	
1	2	3	
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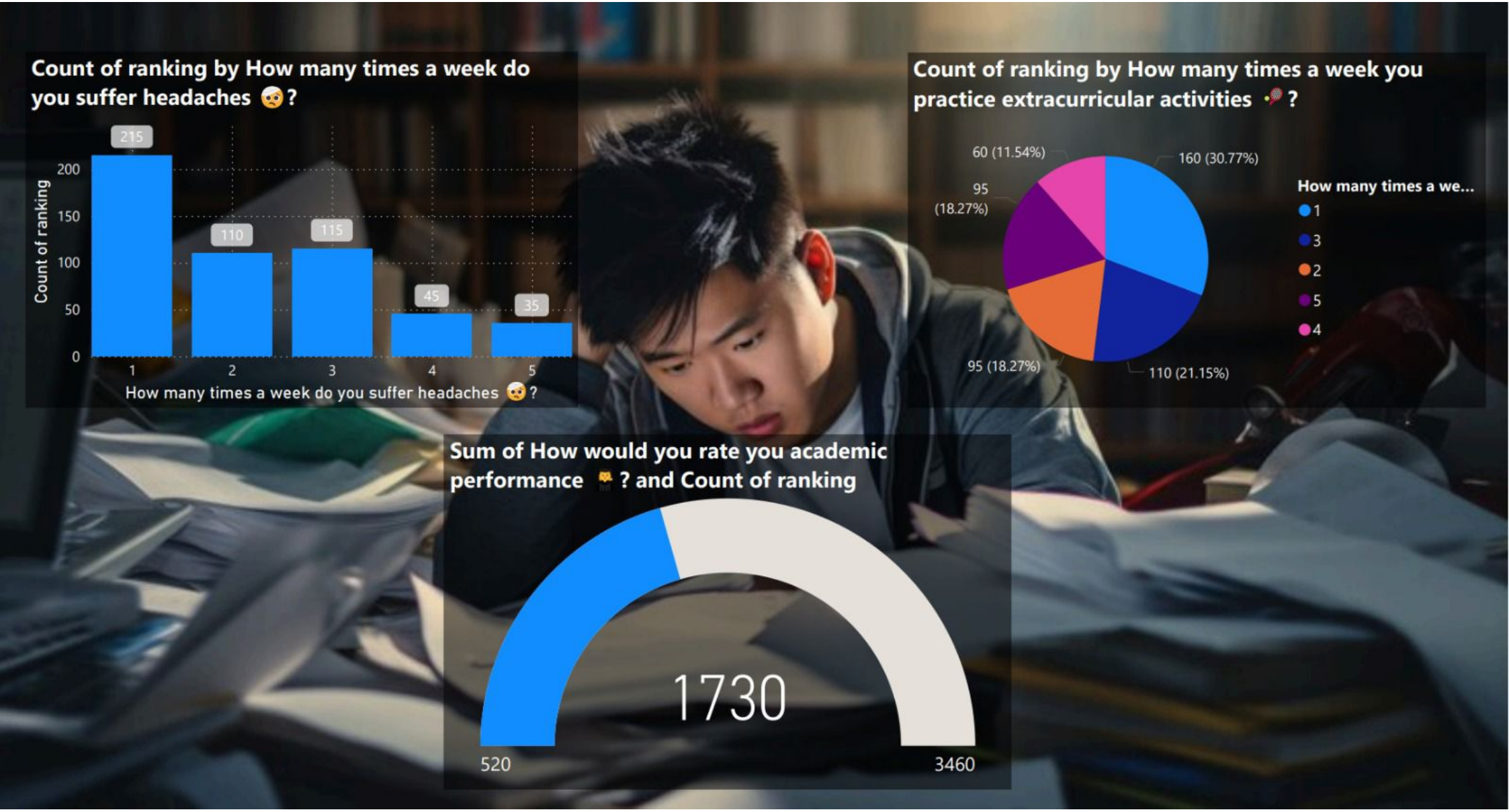
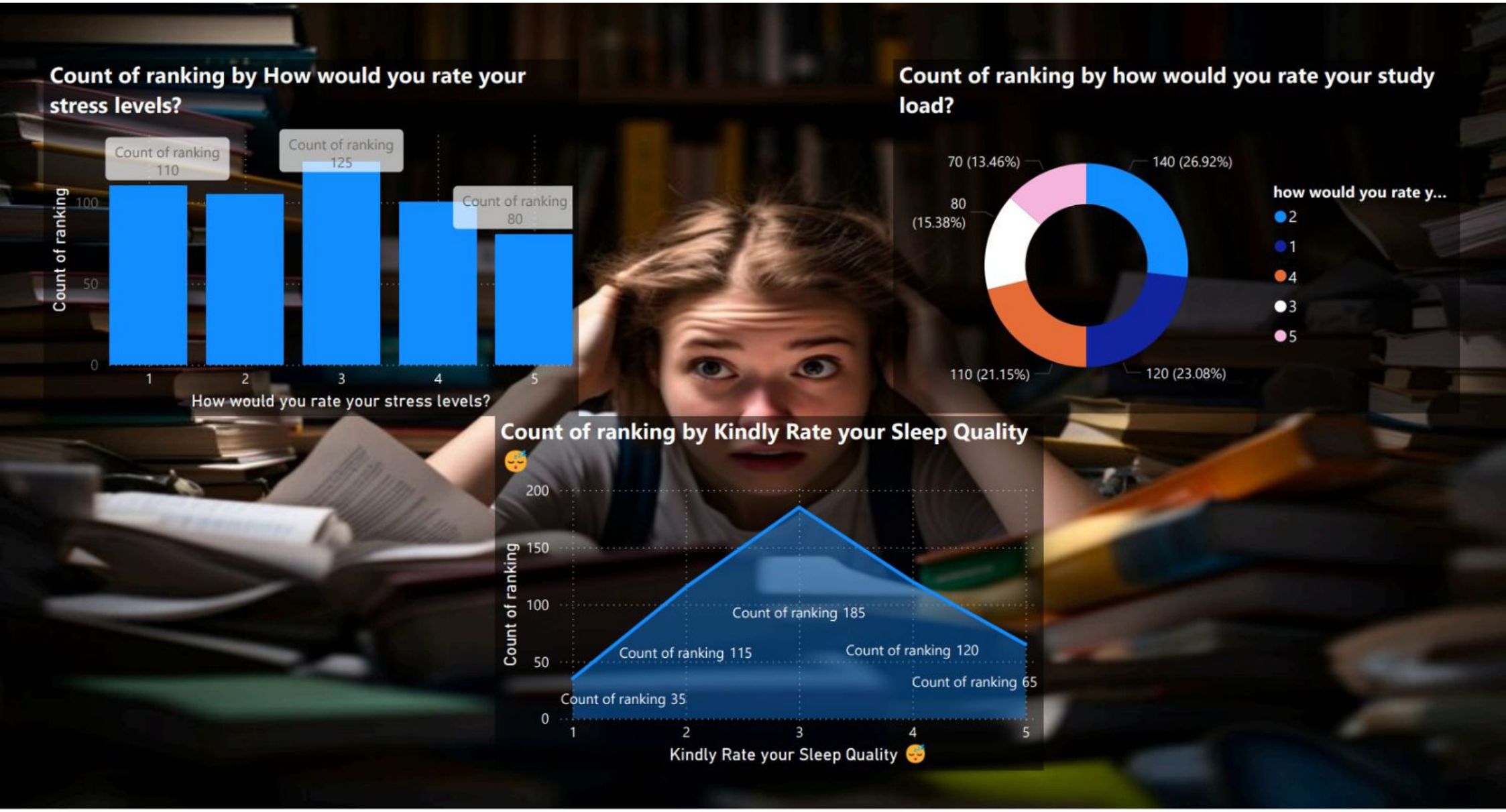
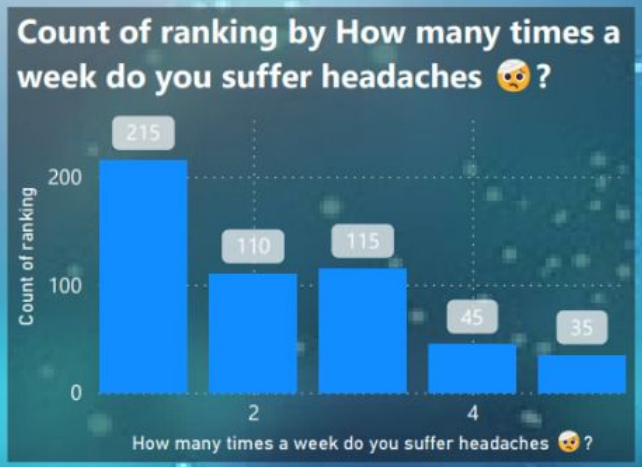
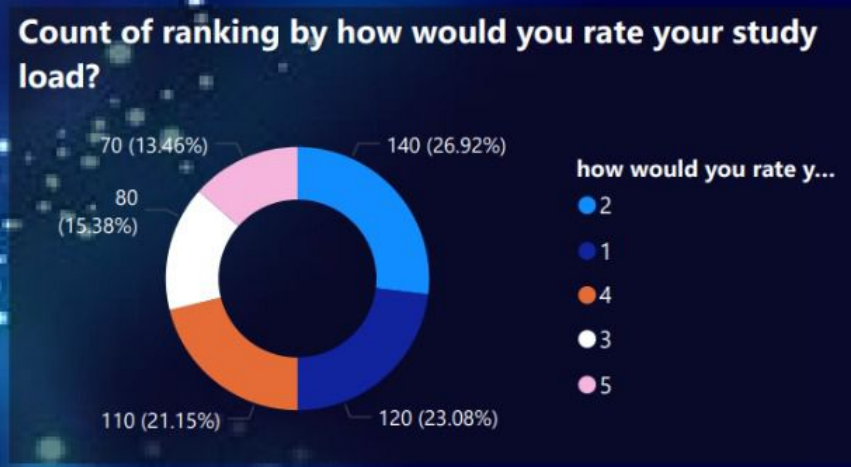
1	3	1	
1	3	2	
1	3	2	

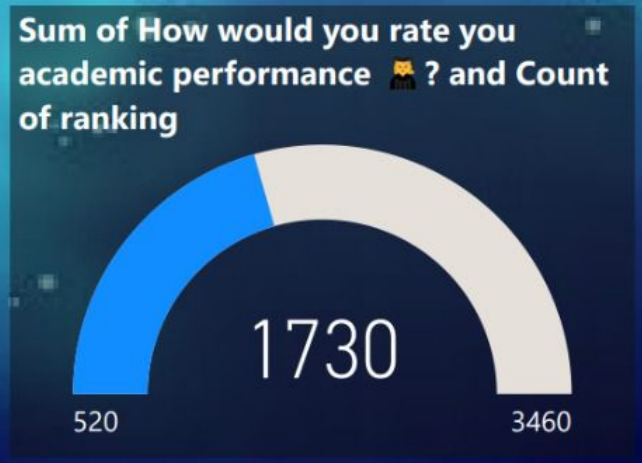

Count of ranking by How many times a week do you suffer headaches 🤕?
Count of ranking
215
110
115
45
35
0
50
100
150
200
1
2
3
4
5
How many times a week do you suffer headaches 🤕?
Count of ranking by How many times a week you practice extracurricular activities 🏸?
60 (11.54%)
160 (30.77%)
95 (18.27%)
95 (18.27%)
110 (21.15%)
How many times a we...
1
3
2
5
4
Sum of How would you rate you academic performance 👨‍🎓? and Count of ranking
1730
520
3460


Count of ranking by How would you rate your stress levels?
Count of ranking 110
Count of ranking 125
Count of ranking 80
Count of ranking
100
50
0
1
2
3
4
5
How would you rate your stress levels?
Count of ranking by how would you rate your study load?
70 (13.46%)
140 (26.92%)
80 (15.38%)
110 (21.15%)
120 (23.08%)
how would you rate y...
2
1
4
3
5
Count of ranking by Kindly Rate your Sleep Quality 😴
200
150
100
50
0
Count of ranking
Count of ranking 185
Count of ranking 115
Count of ranking 120
Count of ranking 65
Count of ranking 35
1
2
3
4
5
Kindly Rate your Sleep Quality 😴

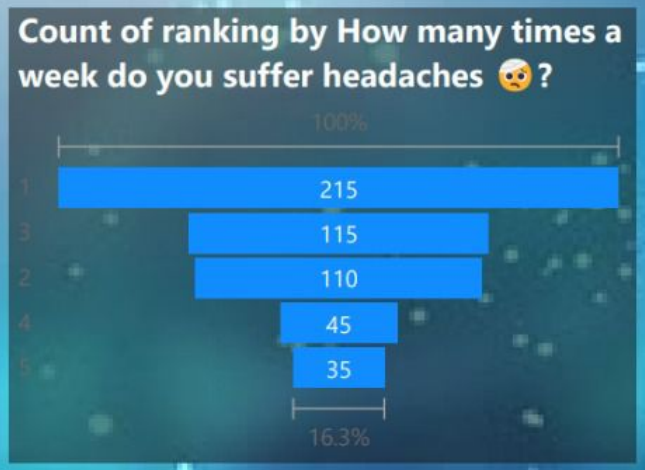
DATA VISUALIZATION

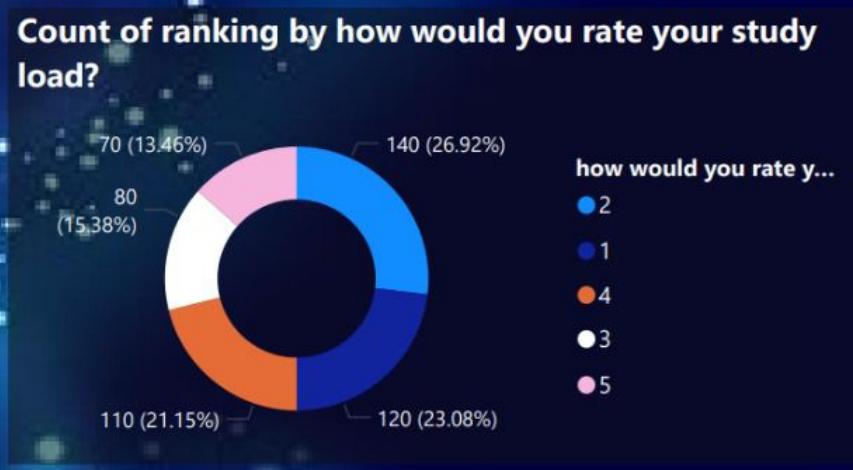


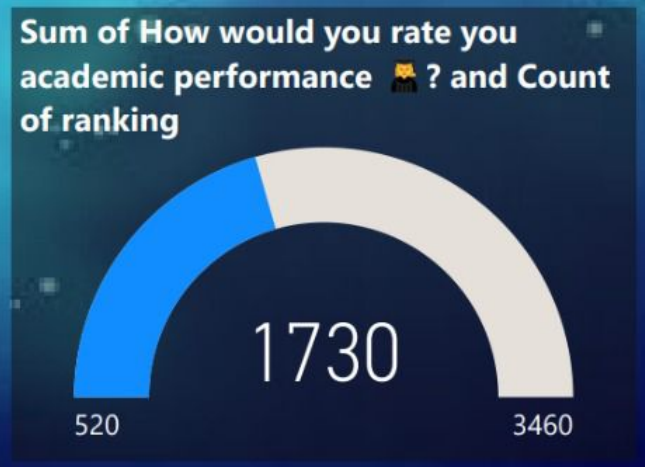




DATA VISUALIZATION





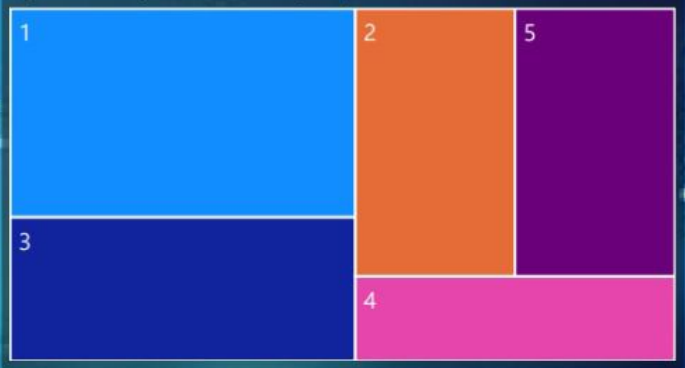


DATA VISUALIZATION

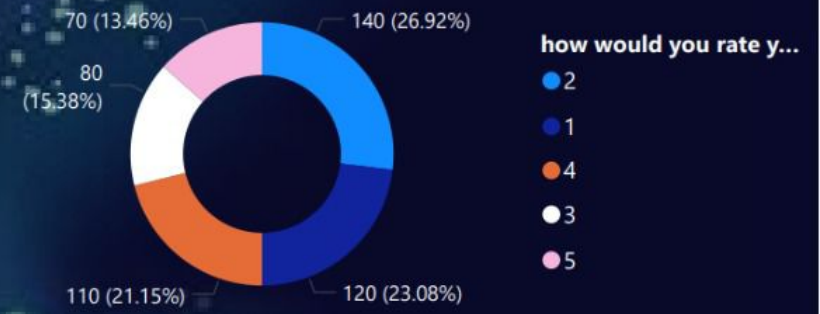
Count of ranking by How many times a week do you suffer headaches 😵?

Count of ranking

by How many times a week you practice extracurricular activiti...



Count of ranking by how would you rate your study load?

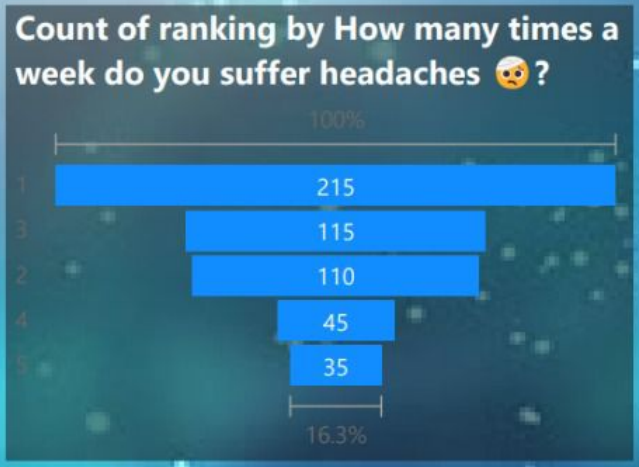


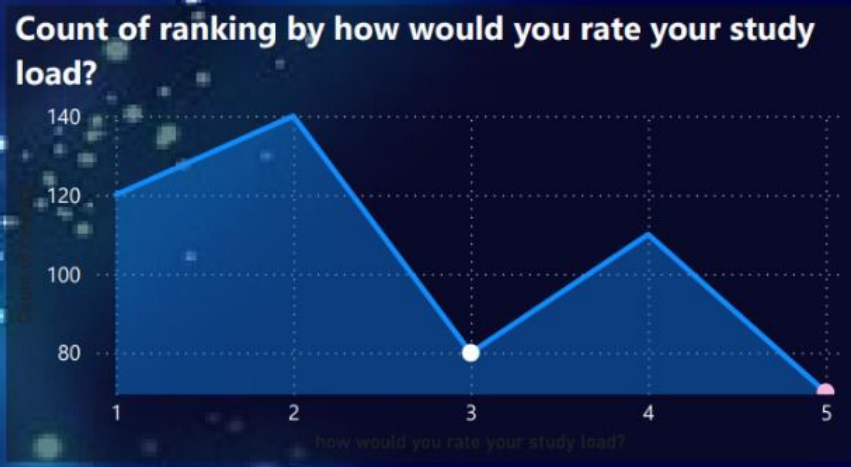
Sum of How would you rate you academic performance 🙇? and Count of ranking

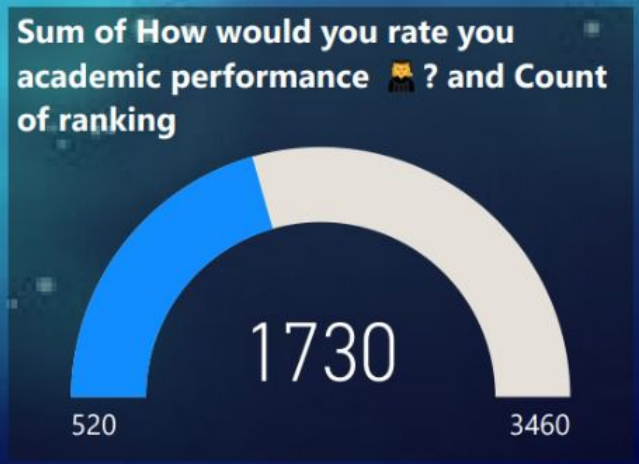
Count of ranking by How would you rate your stress levels?

Count of ranking by Kindly Rate your Sleep Quality 😴

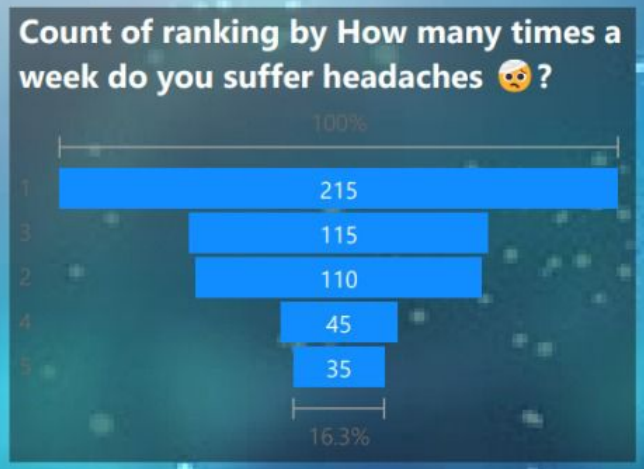
DATA VISUALIZATION

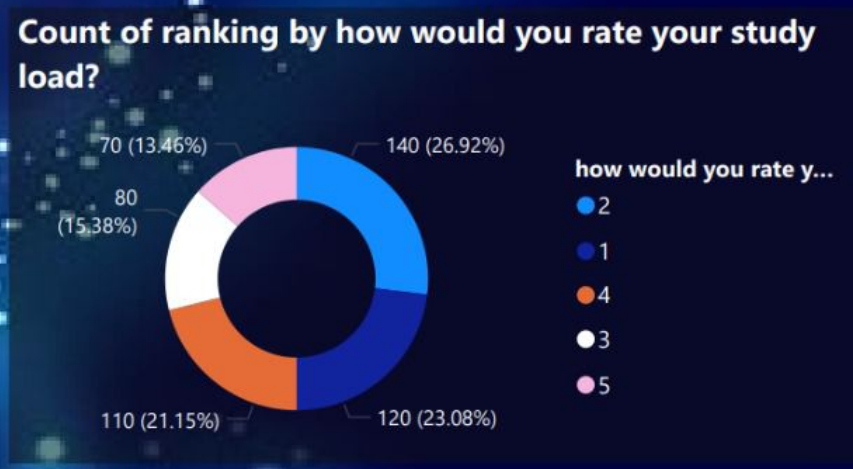


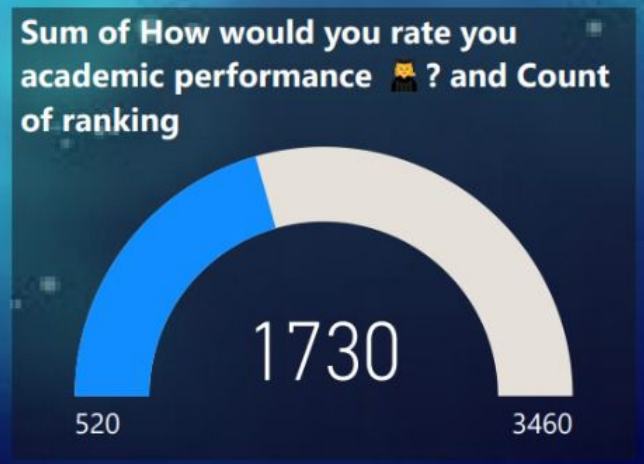




DATA VISUALIZATION



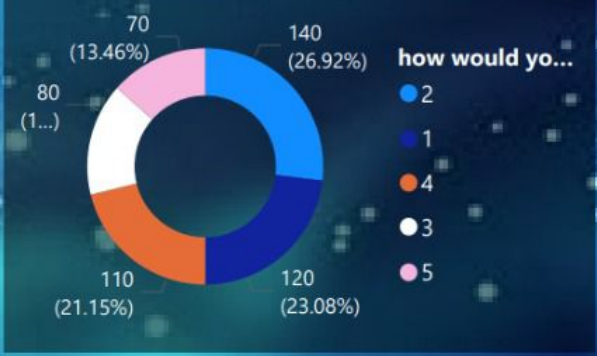




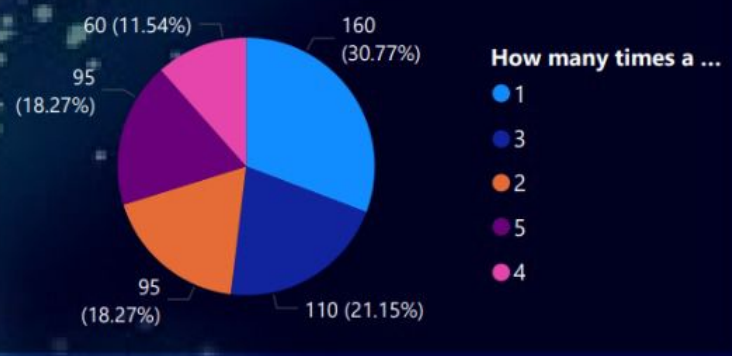
REPORT

Count of ranking by How many times a week do you suffer headaches 😩?

Count of ranking by how would you rate your study load?



Count of ranking by How many times a week you practice extracurricular activities 🏸?

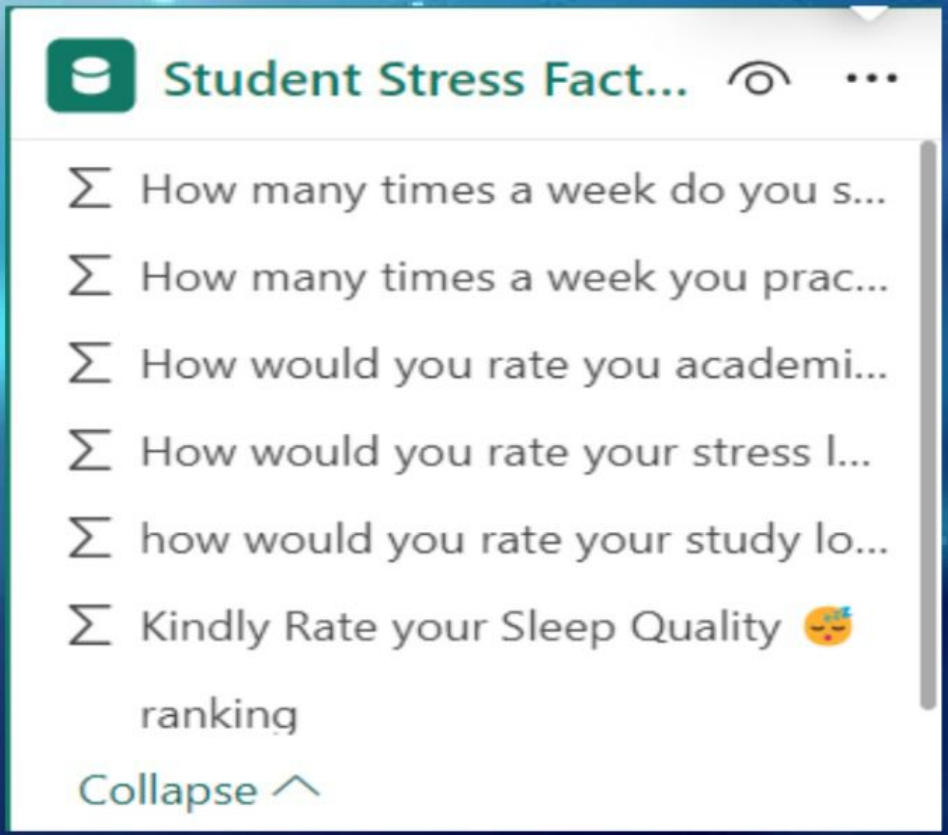


Sum of How would you rate you academic performance 🙇‍♀️? and Count of ranking

Count of ranking by Kindly Rate your Sleep Quality 😴

Count of ranking by How would you rate your stress levels?

PERFOMANCE TESTING:



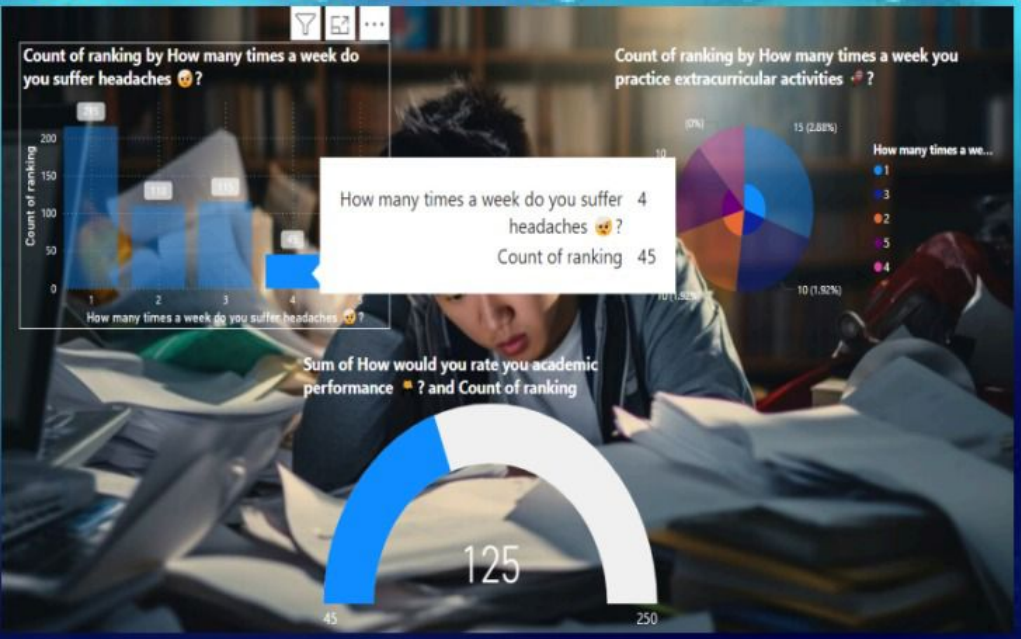
AMOUNT OF DATA LOAD:

"Amount of Data Loaded" refers to the quantity or volume of data that has been imported, retrieved, or loaded into a system, software application, database, or any other data storage or processing environment. It's a measure of how much data has been successfully processed and made available for analysis, manipulation, or use within the system

PERFORMAMCE TESTING:

UTILIZATION OF FILTERS:

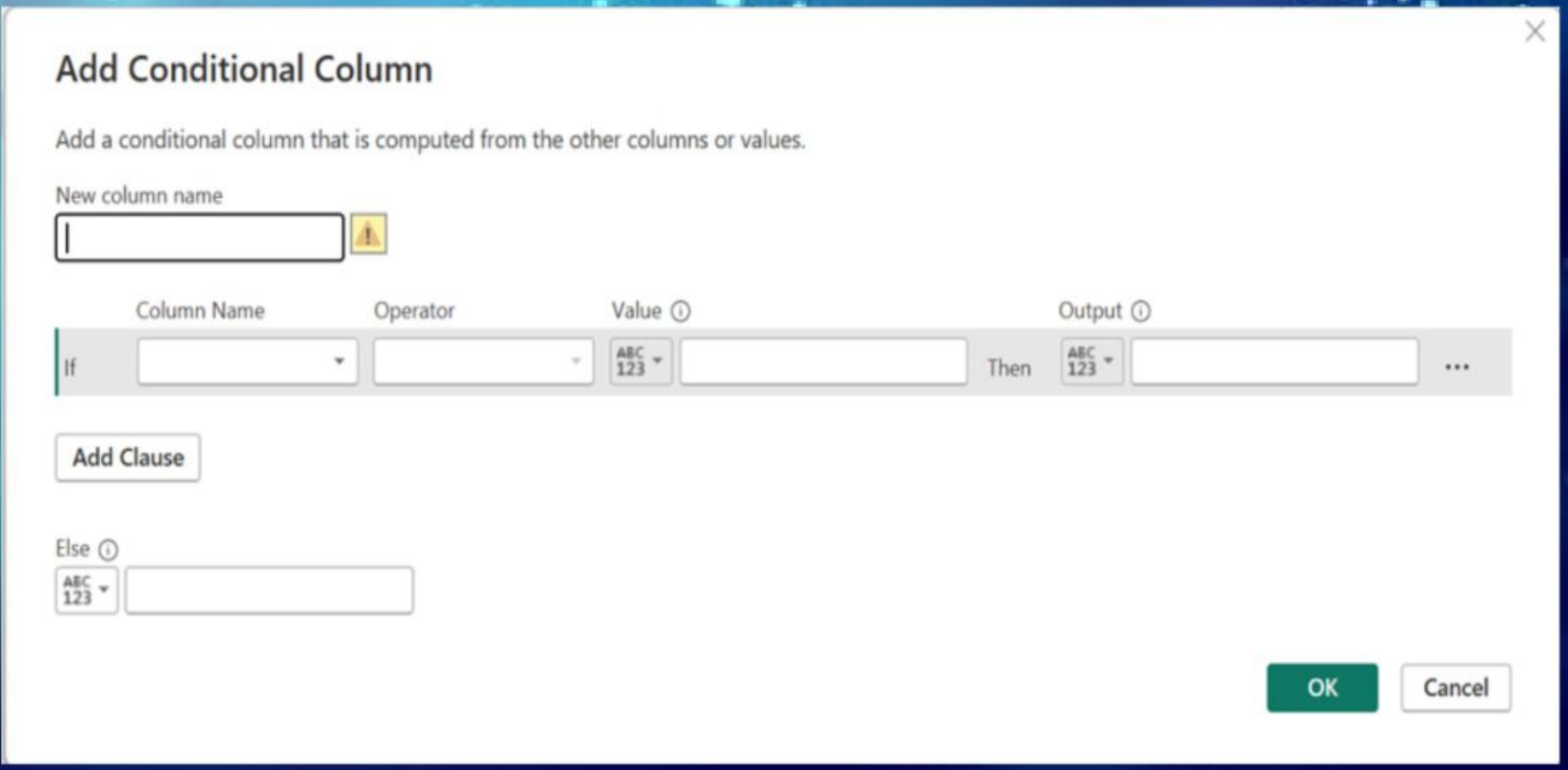
USING THE HEADACHE AS FILTER.



USING THE STRESS LEVEL AS FILTER.

PERFORMANCE TESTING:

NO. OF CALCULATION FIELD



CONDITONAL COLUMN:

In Power BI, you can add conditional column summaries by creating calculated columns or measures that incorporate logical conditions based on your data. These conditions can involve calculations like sum, average, count, etc., depending on the requirements. Once defined, these calculated columns or measures dynamically summarize data based on the specified conditions, providing valuable insights into different subsets of your data

PERFORMANCE TESTING:

NO. OF VISUALIZATIONS/GRAPHS.

1.HOW MANY TIMES DID STUDENTS SUFFER A HEADACHE IN A WEEK/MONTH?
2.HOW MANY TIMES DID YOU PARTICEPANT IN EXTRACURRCILAR ACTIVITIES?
3.HOW COULD YOU RATE PERFORMANCE ACADEMIC?
4.HOW MUCH OF STRESS CAN FEEL A STUDENT?
5.HOW COULD YOU RATE YOUR STUDY LOAD?
6.HOW MUCH RATE OF SLEEPQUALITY?

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
08-07-24 Day - 1 Monday	Introduction of data analysis and power BI	Brief view about data analysis and power BI	Purnima
09-07-24 Day - 2 Tuesday	Understanding of data analytics, DA tools and technologies DA application data analytics process, types of DA	Learned about data analytics and its basics.	Purnima
10-07-24 Day - 3 wednesday	Downloading of power BI tools, data visualization and statistical analysis	Learn how to download power BI tools and how to apply DA in visualization and statistical analysis	Purnima
11-07-24 Day - 4 Thursday	Overview of power BI tools features and applications	Learned about the brief view about power BI	Purnima
12-07-24 Day - 5 Friday	Live tutorial on setting up data in power BI	Learned about how to use power BI with setting up a data	Purnima
13-07-24 Day -6 Saturday	Practicing the power BI tools	Learned and practised about power BI	Purnima

WEEKLY REPORT

WEEK – 1 (From Dt. 08/07/24 to Dt 13/07/24)

Objective of the Activity Done: To know about the applications, tool basic formulas to used while analysing data form large data tool.

Detailed Report:

The short term internship programm for the course track "Data analytics with power BI" commenced with a program Orientation Session aiming at providing a brief overview on the course, importance, Job opportunities associated with and future scope etc.

On day 1:-

Introduction to Data Analytics with power BI and overview of data analytics, including definitions, importance and real-world applications.

On day 2:-

There is a deep dive into data analytics tools and technologies detailed review of tools such as tableau power BI, and advanced analytics platforms. Data analytics process In-depth look at each step of the analytics process. Types of Data Analytics are diagnostic, predictive and perscriptive analysis.

On day 3:-

Introduction to power BI Downloading and installing power BI Desktop. Data visualization introduct to create basic visualization such as barcharts, line graphs, and pie charts. Some basic statistical functions in power BI, such as mean, median and mode.

On day 4:- Overview of power BI tools and features. Also learn how to use power BI for creating interative reports, sharing insights.

On day 5:- Live tutorial on setting up data in power BI and step-by-step guidance on importing data, setting up data models and creating initial reports

On day 6:- practicing power BI Tools Hands-on practice with power BI tools to reinforce learning.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Monday Day – 1 15-07-24	Importing data from various Sources into power BI.	By this week we learned how to import data in power BI.	Purnima
Tuesday Day - 2 16-07-24	Data cleaning and transformation using power Query Editor.	learned about how to clean data by using power query.	Purnima
Wednesday Day – 3 17-07-24	Fundamentals of Business intelligence. (Public holiday)	learned about developing and publishing power BI reports.	Purnima
Thursday Day – 4 18-07-24	Fundamentals of data modelling in power BI.	learned about logical representation and how data are related within tools.	Purnima
Friday Day – 5 19-07-24	Creating relationships between data sets	Learned about connections between 2 or more different tables within data model	Purnima
Saturday Day –6 20-07-24	practicing data cleaning in power BI desktop	Practicing data cleaning by using power BI	Purnima

WEEKLY REPORT

WEEK – 2 (From Dt. 15/07/24 to Dt. 20/07/24)

Objective of the Activity Done:

Detailed Report:

On day 1:- Of Second week importing data from various sources into power BI and also understanding various data options in power BI by importing data from diverse sources and dealing with basic import setting.

Day 2:- Data Cleaning and transformation using power Query Editor. activities done like introduced to power Query editor for data transformation tasks. practicing data cleaning techniques such as removing duplicates, filtering data, and transformation data types.

Day 3:- we learned about fundamentals of business intelligence which covered the foundation of business intelligence which covered the foundation concept of BI and also explored the role of BI in decision making process and importance of data driven insights.

Day 4:- Fundamentals of data modeling in power BI ~~in division~~ covered the topic such as tables, columns, measures and calculated columns. Discussed the basics of data modeling structures and their significance.

Day 5:- Learned how to create and manage relationships between different data sets. practiced establishing relationships using primary and foreign keys. Explored the impact of relationships on data analysis and reporting.

On last day of the second week. Applied various data cleaning techniques to real-world datasets. Reviewed and refined data cleaning methods learned earlier in the week.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Monday Day – 1 22/07/24	Introduction of data visualization - principles - creating basic visualization in power BI	Learned about data visualization in power BI	Purnima
Tuesday Day - 2 23/07/24	Introduction of standard charts and advanced charts	Learned about different types of graphs	Purnima
Wednesday Day – 3 24/07/24	Live tutorial by setting up a data into visualization and creating dash boards	Learned about how to create dash boards in power BI	Purnima
Thursday Day – 4 25/07/24	Introduction of DAX and its funtions.	Learned about what is DAX and its major functions	Purnima
Friday Day – 5 26/07/24	Live tutorial creating dash board by using DAX formulas	Learned about creating dash boards by DAX formulas	Purnima
Saturday Day –6 27/07/24	Practicing Data visualization graphs	practicing data visualization graphs	Purnima

WEEKLY REPORT

WEEK – 3 (From Dt. 22/07/24 to Dt. 27/07/24)

Objective of the Activity Done: Understand & apply data visualization & Utilize DAX formula for enhance data analysis.

Detailed Report:

On day 1 of the third week introduction of data visualization and we understand the importance, key principles of effective data visualization.

On day 2 overview of standard charts (bar, column, line, pie, etc) introduction to advanced charts (scatterplots, waterfall charts, heat maps, etc) also we understand when to use each type of chart and creating visualization using different standard charts.

On day 3 live tutorial of transforming data for visualization creating interactive dashboards best practices for dashboard design.

On day 4 overview of DAX (Data Analysis Expressions) explored common functions provided examples of how to use DAX functions provided examples of how to use DAX for data analysis and reporting. Discussed best practices for writing efficient DAX formulas.

On day 5 Demonstrated how to apply DAX formulas within power BI to create dynamic dashboards. participants followed along to incorporate DAX functions into their dashboards for advanced calculations and data insights.

On day 6 provided participants with practice datasets to create various types of visualizations. Emphasized the application of both basic and advanced chart types, as well as the use of DAX functions.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Monday Day – 1 29/07/24	Sharing and collaborating on reports using power BI Service	Learned how to create institutional mail for power bi service	Purnima
Tuesday Day - 2 30/07/24	Staying updates with the latest power bi patures, best practices for data analytics	practiced the power bi and updates with latest paturs	Purnima
Wednesday Day – 3 31/07/24	Preparing for assessment test	Day 1 preparation for Assessment test	Purnima
Thursday Day – 4 01/08/24	Practicing for assessment test	Day2 preparation for assessment test	Purnima
Friday Day – 5 02/08/24	Assessment test	performing the assessment	Purnima
Saturday Day –6 03/08/24	Discussion about project	Conversation about the project with group.	Purnima

WEEKLY REPORT

WEEK – 4 (From Dt. 29/07/24 to Dt. 03/08/24)

Objective of the Activity Done: update on data analytics and performing test and power BI project progress.

Detailed Report:

On day 1 of fourth week explored power BI services features for sharing and collaboration, including report publishing, setting permissions and managing workspaces. Practiced using sharing options and collaboration tools within the power BI service environment. Gained proficiency in sharing reports and dashboards. Identified best practices for effective collaboration within power BI service.

On day 2 Researched and compiled best practices for data analytics, including data modeling and visualization techniques. Updated knowledge on the latest power BI features. Developed a list of best practices to enhance data analytics efforts.

On day 3 preparing for Assessment test focused study sessions on key topics, using practice exams and study guides outlined a study plan for the following day, addressing weaker areas.

On day 4 practicing for Assessment test Analyzed practice test results, revisited challenging topics, and reinforced knowledge using additional resources. Gained confident in key subject areas.

On day 5 Assessment test completed the assessment test, managing time effectively and applying learn knowledge. Successfully completed the Assessment test.

On day 6. Prepared materials and reviewed project goals and outcomes developed a plan for addressing feedback and improving the project.

Page No:

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Monday Day – 1 5/8/24	Selection of topic for short term internship	Selection topic for project	Purnima
Tuesday Day - 2 6/8/24	Data collection & extraction from data Base	Collected and evaluation of the Data project	Purnima
Wednesday Day – 3 7/8/24	Data cleaning for visualization	Cleaning Data for project	Purnima
Thursday Day – 4 8/8/24	Papering Dashboard by using visualization	Desiging dash bo-ard for the project	Purnima
Friday Day – 5 9/8/24	Preparing Dash board by using Data visualization	Desigining Dash-board for the project	Purnima
Satrday Day –6 10/8/24	Desing Report	preparing Report for the entire project	Purnima

WEEKLY REPORT

WEEK – 5 (From Dt. 5/8/24 to Dt 10/8/24)

Objective of the Activity Done:

Detailed Report:

On day 1 of the fifth week Selection of topic for short-term Internship. Our topic is Acadami performance Stress of students.

On day 2 Data collecting & Extraction from database identified and accessed relevant databases. Executed power queries to extract the required data. Organized data into a structured format for analysis.

On day 3 Data cleaning for visualization addressed inaccuracies and inconsistencies in the dataset. Handled missing values and outliers. Reformatted data for compatibility with visualization tools.

On day 4 preparing Dash board by using data visualization choose appropriate visualization tools (eg., Tableau, power BI). Designed initial layout and visual elements. Implimented basic charts, graphs and tables.

On day 5 preparing Dashboard by using data visualization added advanced visual features and interactivity. Refined dashboard layout based on day 6 Design Report compiled sections including project objectives, methodology findings and conclusions. Finalized the design and format of the report

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Monday Day – 1 12/08/24	Project video demonstration	Recording the project	Purnima
Tuesday Day - 2 13/08/24	Creating GITHUB account	Creating account of team members in GITHUB	Purnima
Wednesday Day – 3 14/8/24	Collaborating team members preparing report commencement	Collaborating team members with team leader account	Purnima
Thursday Day – 4 15/08/24	Assigning talk to team members	Assigning work to every team members.	Purnima
Friday Day – 5 16/08/24	Preparing report	Preparing report for the project	Purnima
Saturday Day –6 17/08/24	Finalizing the report	Submissionary the report	Purnima

WEEKLY REPORT

WEEK – 6 (From Dt. 12/08/24 to Dt 17/08/24)

Objective of the Activity Done:

Report Submission

Detailed Report:

On Day 1 of the Sixth week we have done project video demonstration presented an overview of the project Scope. On Day 2 Creating GIT HUB account to all team members. established a new repoitory for the project, Invited all team members to the repoitory and set appropriate permisions. On Day 3 Collaborating with team members & preparing report commencement collaboratively drafted the critical outline for the report. On Day 4 alligning talk to team members clearly defined tasks and responsibilities for each team member. Set deadlines and provided resources needed for task completion. On day 5 preparing report created initial drafts of the ~~exp~~ repots content, including text, charts and tables. On Day 6 Finalizing the report compiled and reviewed the contributions from all team members. Prepared the final version of the report for submission

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CHAPTER 5: OUTCOMES DESCRIPTION

Describe the work environment you have experienced *(in terms of people interactions, facilities available and maintenance, clarity of job roles, protocols, procedures, processes, discipline, time management, harmonious relationships, socialization, mutual support and teamwork, motivation, space and ventilation, etc.)*

- Description of work environment.

The internship at Smart Bridge has been a transformative experience, equipping me with practical skills in data analytics and a deep understanding of the role of Power BI. The hands on experience & exposure to real world projects has not only sharpened my technical abilities but has also honed my communication skills & project management skills. The work environment fostered a collaborative atmosphere with environment clear task roles, well-defined protocols & structured procedures, the facilities were equipped with necessary tools for data analysis. Team members exhibited mutual support & teamwork, contributing to a harmonious relationship. Overall, the internship provided a comprehensive experience in data analytics within a well-organized and supportive work environment.

Describe the real time technical skills you have acquired (*in terms of the job-related skills and hands on experience*)

Description of the technical skills acquired

- Data analysis: Proficiency in examining and interpreting complex data sets
- statistical analysis: Understanding and applying statistical to derive insights
- Data visualizations: Mastery in creating compelling visualization for effective communication of data
- Analytics tools proficiency: Proficiency with web based tools like Ms Excel, Tables, Google colab for analytics & visualizations
- Programming language: knowledge & expertise in python programming language.
- Visualization generation: Skills in developing interactive dashboards; comprehensive reports, narrative stories in power BI.
- Problem solving: Developing solutions to challenges encountered during data analysis.
- Data cleaning and preprocessing: Proficiency in data cleaning & preparing data for analysis.

Describe the managerial skills you have acquired (*in terms of planning, leadership, team work, behaviour, workmanship, productive use of time, weekly improvement in competencies, goal setting, decision making, performance analysis, etc.*

- Description of the managerial skills acquired

- Project management

  Coordinating tasks, setting goals & ensuring the timely competition of the data analytics project

- Team collaboration

  Working effectively in a group setting, delegating tasks & fostering a collaborative environment.

- leadership skills.

  Taking initiative, guiding the team, & making decisions to achieve project objectives.

- Time management

  Prioritizing tasks, meeting deadlines & efficiently allocating resources

- Problem solving as a team

  Addressing challenges, collectively & finding solutions through ~~gap~~ group discussions (&) collaborative

- Adaptability

  Being flexible and adapting to changes in project scope

- Quality assurance

  Ensuring the accuracy & quality of the data analytics.

Describe how you could improve your communication skills (*in terms of improvement in oral communication, written communication, conversational abilities, confidence levels while communicating, anxiety management, understanding others, getting understood by others, extempore speech, ability to articulate the key points, closing the conversation, maintaining niceties and protocols, greeting, thanking and appreciating others, etc.,*)

- Description of the communication skills acquired.

- Technical communication

  Effectively conveying complex data analytics concepts & findings.

- Presentation skills.

  Creating, & delivering engaging presentations to communicate dashboards, visualizations & project

- Team collaboration

  Collaborating with team members to share information, discuss project progress & reports.

- Written communication.

  Crafting clear reports, documentation and emails related to data analytics processes.

- Conflict resolution.

  Addressing & resolving conflicts within the team to maintain a positive & productive environment between team members.

- Feedback delivery

  Providing constructive feedback to peers, mentors, & trainers and receiving feedback, fostering a culture of continous improvement.

Describe how could you could enhance your abilities in group discussions, participation in teams, contribution as a team member, leading a team/activity.

Reflecting on my experience in data analytics at Smart Bridge interns. I've identified key area for enhancing my abilities in group discussions, team participation and leadership.

To improve my contribution in group discussions I aim to actively listen to others, ask insightful questions and share my opinions, perspectives clearly & effectively. As a team member, I plan to strengthen collaboration by proactively offering support, leveraging my technical skills and embracing different view points of team members lastly to enhance my leadership capabilities. I plan to focus on taking initiative creating a positive team environment, and effectively coordinating team activities through these measures, I am committed to continuous growth and excellence in my role within the team.

Describe the technological developments you have observed and relevant to the subject area of training *(focus on digital technologies relevant to your job role)*

- Advance data connectivity and integration
  - Enhanced data sources
  - Data flow improvement
- Improved data modelling and transformation
  - Power Query Enhancement
  - Data modelling features
- Advanced analytics and AI integration
  - Built in AI capabilities
  - Q&A Features
- Enhanced visualization and visual experience
  - Custom visual and themes
  - Paginated exports.
- Collaboration and sharing features
  - Power BI service enhancement
  - Data insights and alerts
- Performance and scalability improvement
  - Enhanced performance
  - Scalability options
- Security and compliance enhancements
  - Advanced security features