



SHORT-TERMINTERNSHIP



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Acknowledgements

This power BI presentation on topic "optimising fitness class scheduling based on attendance data". With environmental and management data was made possible through the contribution of several individuals and organization. We acknowledge the power BI community for their valuable resources, tutorial and forum that aided in our project development. We thank for creating a powerful and intuitive platform for data visualization and comprehensive data, which informed our predictive model. We thank for providing of data related to fitness class scheduling based on attendance data in project.

We thank our team members for their contribution and to data analysis and visualization and insights. We acknowledge organization for providing the resources and support necessary to complete this project. We acknowledge to our reviewers in succeeding this power BI presentation. We acknowledge advisor or pre who contributed to this project. Finally we thank our team members.

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This page content gives an idea only, which topics have to write.

1: EXECUTIVE SUMMARY

The internship report shall have a brief 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.

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.

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.

EXECUTIVE SUMMARY

Five learning objectives for Internship Report.

1. Industry knowledge Acquisition:

Gain a comprehensive understanding of the industry, including key trends, practices, and terminology relevant to the field of internship.

2. Skill Development:

Identify and develop specific professional skills (e.g., communication, teamwork, technical skills) through hands-on experience and tasks performed during the internship.

3) Application of Academic knowledge:

Apply theoretical concepts learned in academic courses to real-world situations encountered during the internship, enhancing practical understanding.

4. Professional Network:

Build a professional network by engaging with colleagues, supervisors, and industry professionals, fostering relationships that may support future career opportunities.

b. Self-Reflection and Growth:

Reflected on personal strengths and weaknesses identified during the internship experience, setting actionable goals for personal and professional growth moving forward.

⇒ Outcomes Achieved for Internship Report

1. Enhanced Industry Insight:

Gained a deeper understanding of the industry landscape, including key players, market trends and competitive dynamics.

2. Improved Skill Set:

Developed specific skills such as project management, data analysis, or customer service, demonstrating increased competence in relevant tasks.

3. Successful Project Completion:

Completed specific projects or tasks that contributed to the organization's goals, showcasing the ability to deliver results.

4. Expanded Professional Network:

Established connections with industry professionals leading to potential mentorship opportunities and future career prospects.

5. Increased confidence:

Gained confidence in professional abilities through practical experience, leading to improved communication and problem-solving skills in a work place setting.

Summary of Activities Completed During Internship

During my internship at the Andhra Pradesh State Council of Higher Education (APSCHET), I engaged in various activities that enhanced my understanding of the education sector and contributed to the organization's initiatives. Key activities included:

1. Research And Data Analysis:-

Conducted research on current trends in higher education, gathering data on student enrollment, faculty qualifications and institutional performance metrics. This involved analyzing statistical reports to support policy recommendation.

2. Policy Development Support:-

Assisted in the formulation and review of educational policies aimed at improving the quality and accessibility of higher education in Andhra Pradesh. I contributed to drafting policy documents and gathering stakeholder feedback.

3. Organizing Workshops And Seminars:

Helped organize workshops and seminars for faculty and students, focusing on skill development, research methodologies, and best practices in teaching. This involved coordinating logistics and collaborating with external speakers.

4. Communication And Outreach:

Supported the communication team in creating content for newsletters and social media to promote APSCHE initiatives and events. I also helped draft press releases and informational materials.

5. Monitoring And Evaluation:

Participated in monitoring the implementation of various educational programs and initiatives, gathering feedback from participants to assess effectiveness and areas for improvement.

These activities not only provided hands-on experience in educational governance but also allowed me to develop skills in research, policy analysis, event management and communication.

Overview 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 partners with companies such as google to offer virtual internship. The internship provide students with hands on experience with the latest technologies and enable project based learning. Smart Bridge's flagship event is the "summer internship program". The technologies i.e., (1) Artificial intelligence (2) machine learning (3) Internet of things.

Organization's objectives:-

Smart Bridge's main objective is to bridge the existing gaps between prevailing industry standards and what the academics offers to the graduates while passing out of university. Smart Bridge offers suitable skill development training to the young talent before on boarding their first job. Their skill development programs are designed considering the present in demand skills in the industry. We thereby work a long the line to offer best programs that helps the students to gain practical knowledge and hands on training to learn skills of the future. Therefore the main objective of Smart Bridge is providing internship for every students Promote industry approved professional Electives become a talent factory of India by 2026.

INTERNSHIP PART

Working Conditions:-

- Fast-paced and dynamic retail environment
- Collaborative and open communication culture
- Modern and well-maintained facilities.

Weekly Work Schedule:

- 40 hours per week, Monday to Friday
- Flexible scheduling to accommodate business needs

Tasks performed:

- Assisted in visual merchandising and store displays.
- Conducted market research and analyzed sales trends.
- Developed and implemented social media marketing.
- Collaborated with sales team to achieve sales targets.

Skills Acquired:

- Developed strong communication and interpersonal skills.
- Improved problem solving and analytical skills.
- Gained experience in marketing and sales strategies.

- Enhanced customer service and relationship building skills
- Learned time management and adaptability in a fast-paced environment.
- Acquired knowledge of retail operations and management.

Overall, the internship provided valuable hands-on experience in improving retail success and driving sales, with a focus on developing skills in marketing, sales, customer service, and teamwork.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1 3/7/24	Introduction of data analysis and Interpreted data visualizations	Analysis of the topic	
Day - 2 4/7/24	Agenda and understanding consumers	clear view of business problem and its solutions,	
Day - 3 5/7/24	Types of analysis, Process and download of Power BI	clear analysis on DS tools and process regarding it.	
Day - 4			
Day - 5			
Day - 6			

WEEKLY REPORT

WEEK-1(From Dt.....3/7/24 to Dt.....5/9/24.)

Objective of the Activity Done:

Summary for powerbi ad data analysis

Detailed Report:

The Data Analytics is the Programme of utilizing data, statistical method and technology to extract meaningful insight and make decision of accordingly.

→ The key components of the Analytics, Data visualization and Interpretation the DA Tools are soft ware of the given programmes and applications of the others that can help the professional analze data sets to provide insights, prediction and decisions of the Information.

The power BI Visualizes : that the graph of the dash boards and pie chart, The facilitair reports and many more . The explanation about the features In the power Bi .

The Power BI and their Components like the data and data view . The power Views , and power queries , and desktop etc are the power bi Services.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In - Charge Signature
Day - 1 8/7/24	Features and Components of Power BI	clear view on every component required.	
Day - 2 9/7/24	Power BI in action and its architecture	visible insights and sales format.	
Day - 3 10/7/24	Power query and transformation operation	clarity about ETC tools.	
Day - 4 11/7/24	Tools present in Power BI Desktop	clear view on each and every tool present.	
Day - 5 12/7/24	Analyzing the data in different types	Learned about practicality on data usage.	
Day - 6			

WEEKLY REPORT
WEEK-2 (From Dt. 8/7/24.....to Dt. 12/7/24....)

Objective of the Activity Done:

Data Importing and Modeling

Detailed Report:

explored different data connectors, such as excel, SQL data bases, and Online Services, ETL, practiced data modeling techniques, relationships with tables, using DAX, functions, designing columns.

This week was dedicated to the mastering data Importing and modeling with the power bi. We have learned many modeling in the power bi file we have discussed in the given report of the data Importing and the data modeling in the power bi.

Successfully Imported data sets from the multiple sources into the power bi sets, and the power bi service. They built a robust of the data model with the well-defined relationships from the given power bi.

They used DAX to create the calculate the given columns and the measures for the enhanced analysis. This is all about the making of data Importing and Modeling in data.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-charge Signature
Day - 1 15/7/24	Data collection and data cleaning	Learned about the process in DA.	
Day - 2 16/7/24	Differentiation between storyboard, Dashboard and report.	Learned the differences about contents to represent.	
Day - 3 18/7/24	Data structuring and its usage with power BI	Learned the usage of data structure.	
Day - 4 19/7/24	Revised on topics as far completed	clear view with the usage of power BI.	
Day - 5			
Day - 6			

Objective of the Activity Done:

Detailed Report:

Data Visualization Techniques
Their are studied various visualization options that are available in the power bi, including advanced charts, maps and the custom visuals in the power bi.

The participant in a hands on session to design interactive dashboards of the slices, and filters and the given drill throughs . Lets learned the best practices for choosing the appropriate visualization for the different data types and insights.

The Designed a comprehensive of the dashboard featuring key metrics using a mix of visuals. The Implemented interactivity thought the slices and filters to allow users to explore the data dynamically. presented the dashboard to peers for the feedback .This week was focused on the creativity effective and interactive data visualization in the power bi. This is all about in this week which we have learn how to visualization and its Techniques.

ACTIVITY LOG FOR THE FOURTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In- Charge Signature
Day - 1 22/7/24	Researched the additional info - formation	additional info about power BI.	
Day - 2 23/7/24	Revised about data collection and data cleaning	Learned about starting power in DA.	
Day - 3 24/7/24	Revised about the data visualisation	clear view on visualisation Part	
Day - 4 25/7/24	DAx and DAX functions	clear view on DAX functions.	
Day - 5 26/7/24	All the functions Power BI	Learned about the functions to apply.	
Day - 6			

WEEKLY REPORT

WEEK-4 (From Dt...22/7/24..... To Dt...26/7/24.....)

Objective of the Activity Done:

The Advanced data Analysis with DAX

Detailed Report:

Completed the advanced DAX training modules covering topics such as time intelligence, advanced filtering and the context management.

The worked on a case study that is required great the complex measures to calculate the year-over-

year growth and rolling averages. To collaborate with the peers to troubleshoot DAX-related issues in our data models in power

bi. The development of proficiency in writing complex DAX expressions. Applied time intelligence functions to analyze the trends over a time

The improved of the accuracy and the efficiency of data models using advanced DAX.

This week was dedicated to the deepening our understanding of DAX for the advanced in the given data of the powerbi. This is about the Advanced data Analysis with the DAX. This the report and the explanation of this Activity of Advanced data Analysis with DAX.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In - Charge Signature
Day - 1 29/7/24	Explained More factors in DAX	Learned about Expressions and functions in DAX.	
Day - 2 30/7/24	More about filters functions in DAX	clear view on different views.	
Day - 3 31/7/24	Preparation for grand assessment	Prepared for test.	
Day - 4 1/8/24	Preparation for grand assessment	Prepared for test.	
Day - 5 2/8/24	Grand assessment test	gave the assessment.	
Day - 6			

WEEKLY REPORT

WEEK-5 (From Dt. 29/7/24.... To Dt. 2/8/24.....)

Objective of the Activity Done:

Sales Analytics

Detailed Report:

Received a dataset of the representing sales of the data from a financial fictional Company. Then defined key performance indicators (KPI's) such as Sales growth, Customers and acquisition and the product of the performance. Then built a sales growth, customers, dashboards to visualize the KPI's and identify the trends, outliers and area for improvement. The creation of a comprehensive sales dashboard that highlighted crucial business insights. Used the given data of the story telling techniques to communicate for finding it effectively. Then received positive feedback from mentors on the practical from the application of power BI skills. This focus the week was on applying power BI skills to a real-world sales analytics case study. This is all about the sales analysis on the power BI and its services.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In - Charge Signature
Day - 1 5/8/24	optimising power AI report	clear view on optimisation.	
Day - 2 6/8/24	Implementation of Incremental data	Learned about OR with huge data set.	
Day - 3 7/8/24	Application in business scales.	clear view on real time application.	
Day - 4 8/8/24	Application of techniques to size data models	Learned about Sizing data models.	
Day - 5 9/8/24	Learned about user information with reports	clear view on report based data .	
Day - 6			

WEEKLY REPORT

WEEK-6 (From Dt. 5/8/24..... to Dt. 9/8/24.....)

Objective of the Activity Done:

Optimizing and performance Tuning

Detailed Report:

Learning about the powerbi report the Optimizing techniques ,including data reduction ,efficient uses of a DAX and the query optimization.

The Implemented Incremented data refresh to improve report loaded times . Explored the best practices for managing large datasets and reducing the memory usage.

The optimizing existing reports to load fast and handle larger datasets. Applied the given techniques to reduce the size of the given data models without losing critical information in it. The Improvement of the Overall performance and the user experience from the power Bi reports. This week focused on the given optimizing power Bi reports for the performance and Scalability. This is about the optimization and the performance Tuning we have discussed on this week from the powerbi classes .This is all about from this week in powerbi Services.

ACTIVITY LOG FOR THE SEVENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-charge Signature
Day - 1 12/8/24	Formation of team.	clear view on team.	
Day - 2 13/8/24	Project scope and objectives.	clear view on Project assigned.	
Day - 3 14/8/24	Aggregation of public reports.	Segregation of data analysis.	
Day - 4 15/8/24	Configured Public refreshes.	Reviewed self on data set.	
Day - 5 16/8/24	Feedback on accessibility with published reports.	clear view on outcome of reports.	
Day - 6			

WEEKLY REPORT

WEEK-7 (From Dt....12/8/24..... to Dt....16/8/24.....)

Objective of the Activity Done:

Publishing and Sharing Report

Detailed Report:

enforced the different power bi Service features ,including workspace ,sharing options and security settings and published reports to the powerbi Service and configured scheduled reference. To create and shared an app in powerbi that the aggregates multiple reports into a single ,easy-to-access package for the stakeholders.

The successfully published reports to the power BI Service and shared them with the Pinteam. To Configured a role-based security to control access to sensitive data.

To received the feedback on the accessibility and usability of the published reports.

This week was dedicated to learning how to publish and share power bi report with the stakeholders. This is all about we have discussed In this week in publishing and sharing Report from the power bi and powerbi Services.

ACTIVITY LOG FOR THE EIGHT WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In- Charge Signature
Day - 1 19/8/24	Presenting activities - enable insights	clear view on pictorial representation	
Day - 2 20/8/24	Presenting the dashboards and reports	Representing the final output	
Day - 3 21/8/24	collaborations, file uploading	Allotting work to all members in team.	
Day - 4 22/8/24	Reviewing on dashboard, report	clear view on work alone in DA.	
Day - 5 23/8/24	Submission of Project.	Submitted to mentor.	
Day - 6			

WEEKLY REPORT

WEEK-8 (From Dt. 19/8/24..... to Dt. 23/8/24.....)

Objective of the Activity Done:

Final project and presentation

Detailed Report:

The worked on a final project that have involved on analyzing a complex dataset and the presenting a actionable insight to a mock client. To developed a comprehensive the power bi report that included data exploration for advanced visualization, and key recommendations. To presented the final report + the internship of the Supervisor, showcasing the Internship. He successfully completed the Capstone project, demonstrating a strong understanding of data analytics using the power BI. He received positive feedback on the quality of analysis and presentation skills. Concluded that the final week we was focused on completing the given final project and presentation. This is the report for this project from the power bi and power bi Service.

CHAPTER 6: 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.)

Based on our previous conversation, I've experienced the following work environment while optimizing fitness class schedules based on attendance data.

People interactions:-

- collaborative team with instructors, staff and management.
- Regular meetings and open communication channels.
- positive and supportive colleagues.

Facilities and Maintenance:-

- well-maintained fitness studios and equipment.
- Access to necessary technology and software for data analysis.
- comfortable and clean working spaces.

Clarity of Job roles:-

- clear responsibilities and expectations.
- Defined roles for data analysis, scheduling and communication.

Protocols and procedures :-

- Established process for data collection and analysis.
- Standardized scheduling and communication protocols.
- Regular review and updates of procedures.

Discipline and Time Management :-

- Structured schedule with dedicated time for data analysis and tasks.
- Prioritized tasks and deadlines.
- Flexible time management to accommodate changing priorities.

Harmonious Relationships :-

- Respectful and empathetic communications among team members.
- Open feedback and constructive criticism.
- Celebrations of success and support during challenges.

Team work:-

- Collaborative approach to schedule optimization
- Shared goals and objectives.
- Cross-functional teams for data analysis and scheduling.

Motivation:-

- Recognition and rewards for achievements
- Opportunities for growth and professional development.
- Positive feedback and encouragement.

Overall the work environment is conducive to productivity, collaboration and growth, enabling me to effectively optimize fitness class schedules.

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

Based on our previous conversation, I've acquired the following real-time technical skills for optimizing fitness class schedules based on attendance data:-

Data Analysis:- I can collect and analyze attendance data to identify patterns, trends and correlations.

Scheduling Algorithms :- I can develop and apply algorithms to optimize class schedules based on attendance data, instructor availability and room capacity.

Machine Learning :- I can apply Machine Learning techniques to predict attendance patterns and adjust schedules accordingly.

Data visualization:- I can create visualizations to represent attendance data, making it easier to identify trends and insights.

Automation:- I can automate schedule adjustments based on real-time attendance data, ensuring optimal class scheduling.

SQL and Database Management :- I can manage and query database to store and retrieve attendance data efficiently, optimize fitness class schedules based on attendance data.

Python programming:- I can write python scripts to automate tasks, analyze data and optimize schedules.

Data-Driven Decision making:- I can provide insights and recommendations to inform scheduling decisions based on data analysis.

These skills enable me to optimize fitness classes schedules in real-time, ensuring maximum attendance, efficient resource allocation and enhanced member experience.

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.

Based on our previous conversation, I've acquired the following managerial skills for optimizing fitness class schedules based on attendance data:-

Strategic Planning:- I can develop strategies to optimize class schedules, aligning with business goals and member needs.

Data-Driven Decision Making:- I can make informed decisions based on attendance data analysis, ensuring data-backed scheduling choices.

Resources Allocation:- I can efficiently allocate resources (Instructors, rooms, equipment) to match demand and optimize utilization.

Communication:- I can effectively communicate schedule changes, updates and insights to stakeholders (members, instructors, management).

Problem-Solving:- I can identify and resolve scheduling conflicts, ensuring minimal disruptions to classes and members.

Member Experience Focus:- I prioritize member satisfaction, tailoring schedules to meet

their needs and preferences.

Collaboration :- I can work with instructors, staff and management to ensure seamless schedule execution and feedback implementation.

Adaptability :- I can adjust schedules in response to changing attendance patterns, member feedback, and feedback business needs.

Performance Metrics :- I can establish and track key performance indicators (KPIs) to measure schedule optimization effectiveness.

Leadership :- I can guide teams to implement optimized schedules, ensuring successful execution and continuous improvement.

These managerial skills enable me to optimize fitness class schedules, balancing business objectives, member needs and resource allocation.

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.,)

To improve my communication skills for optimizing fitness class schedules based on attendance data, I can:-

Oral communication :-

- Practice clear and concise presentations of schedule optimization plans.
- Engage in regular meetings with stakeholders to discuss attendance data insights.
- Use storytelling techniques to illustrate the impact of optimized schedules.

Written communication :-

- Craft well-structured emails and reports to share attendance data analysis.
- Develop user-friendly dashboards for easy schedule visualization.
- Write blog posts or articles on best practices for fitness class scheduling.

Conversational Abilities :-

- Ask open-ended questions to understand member preferences and concerns.
- Listen actively to instructors and staff members feedback.
- Use empathetic language to address member complaints.

Confidence levels :-

- Prepare thoroughly for presentations and meetings.
- Focus on data-driven insights to build credibility.
- Celebrate success in optimizing schedules.

Anxiety Managements :-

- Take time to collect thoughts before responding to questions or concerns.
- Practice relaxation techniques, such as deep breathing, before high-stakes conversations.
- Reframe negative thoughts into positive, solutions-focused ones.

Understanding Others :-

- Ask clarifying questions to ensure comprehension of member needs.
- Paraphrase and summarize feedback to show understanding.
- Seek diverse perspectives from instructors, staff and members.

Getting understood by others :-

- Use clear, simple language to explain complex data insights.
- Provide concrete examples to illustrate optimized schedule benefits.
- Encourage questions and feedback to ensure understanding.

Articulating key points :-

- Identify top priorities for optimized schedules.
- Use visual aids to highlight key attendance data trends.
- Summarize main points for easy recall.

Closing conversations :-

- Recap agreements and action items.
- Establish clear next steps and timelines.
- Express gratitude for feedback and inputs.

Thanking and Appreciating others :-

- Express gratitude to instructors and staff for their feedback and support.
- Recognize members' loyalty and participation.

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

To enhance my abilities in group discussions, team participation and leadership.

Group Discussion :-

1. Active Listening :- Focus on understanding others' perspectives and ask clarifying questions.
2. Preparation:- Research topics and prepare thoughtful contributions.
3. Open-mindedness:- Encourage diverse perspectives and consider alternative views.
4. Clear communication :- Articulate thoughts clearly and concisely.
5. Respectful Dialogue :- Foster a positive and inclusive atmosphere.

Team Participation :-

1. Collaborative Mindset:- Embrace teamwork and shared goals.
2. Clear Roles:- Establish and understand individual responsibilities.
3. Effective communication:- Share ideas, ask questions, and provide updates.
4. Adaptability :- Be flexible and adjust to changing team needs.
5. Accountability:- Take ownership of tasks and deliver results..

contribution as a team member :-

1. Identify Strengths :- Leverage individual skills and expertise.
2. Creative problem-solving :- offer innovative solutions.
3. Support Colleagues :- Assist team members and provide resources.
4. Continuous Learning :- Share knowledge and best practices.
5. Positive Attitude :- Maintain a constructive and enthusiastic approach.

Leading a team / activity :-

1. Clear Vision :- Establish a clear direction and goals.
2. Effective Communication :- Inspire and inform team members.
3. Empowerment :- Delegate tasks and trust team members.
4. Decision-making :- Make informed, timely decisions.
5. Feedback and Evaluation :- Provide constructive feedback and assess progress.

By developing these skills, I can enhance my abilities in group discussions, team participation and leadership ultimately becoming a more effective and valuable team player.

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

I've observed the following technological developments relevant to optimizing fitness class schedules based on attendance data:-

1. Data Analytics Tools:- Advanced data analytics platforms (e.g., Tableau, Power BI) enable detailed attendance data analysis, visualization and insights.
2. Cloud-Based Scheduling Software:- cloud-based scheduling systems (e.g., Mindbody, Acuity) allow for real-time schedule management, attendance tracking and data-driven insights.
3. Artificial Intelligence (AI) and Machine Learning (ML):- AI powered scheduling tools (e.g., Schedule HQ) use ML algorithms to optimize schedules based on attendance patterns and preferences.
4. Mobile Apps:- custom mobile apps (e.g., gym member apps) enable easy attendance tracking, schedule access, and push notifications for members.
5. Digital Signage and Displays:- digital signage (e.g., TV screens) display real-time schedules, attendance data, and promotional content, enhancing member engagement.
6. Virtual and Augmented Reality:- Immersive technologies (e.g., virtual fitness classes) expand training options and enhance member experience.

7. wearable technology and IoT devices:-

wearable devices (e.g., fitness trackers) and IoT sensors track member activity, providing valuable attendance and engagement data.

8. Social media and online platforms:-

Social media and online platforms (e.g., Facebook, Instagram) facilitate member engagement, promotion and community building.

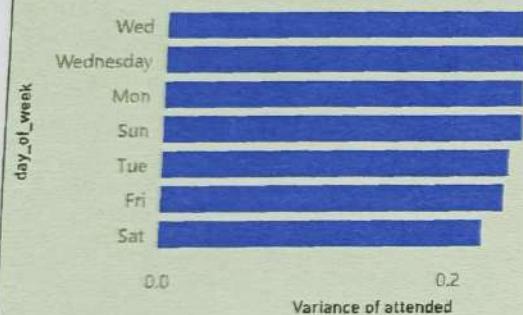
9. cybersecurity and data protection :-

Advanced security measures protect sensitive member data and ensure compliance with regulations (e.g., GDPR, HIPAA).

These technological developments enhance my ability to optimize fitness class schedules based on attendance data, improving member experience, operational efficiency and business outcomes.

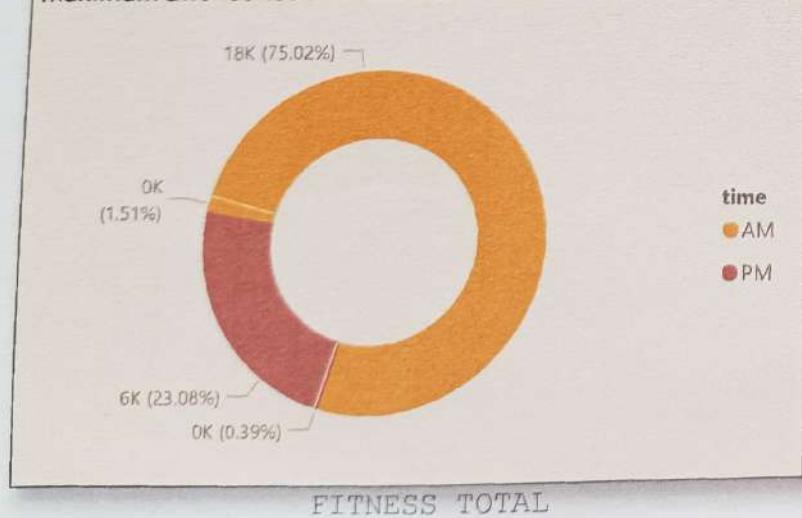
optimising fitness class scheduling based on attendance data

variance of attendance, variance of months as member and variance of days_before by day_of_week



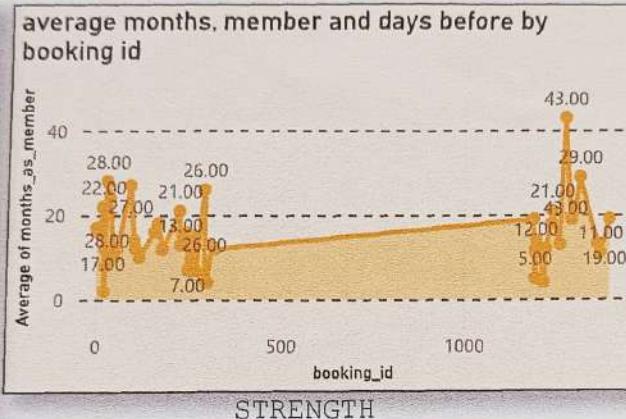
CYCLING

maximum attendance and number of months fitness class 2212



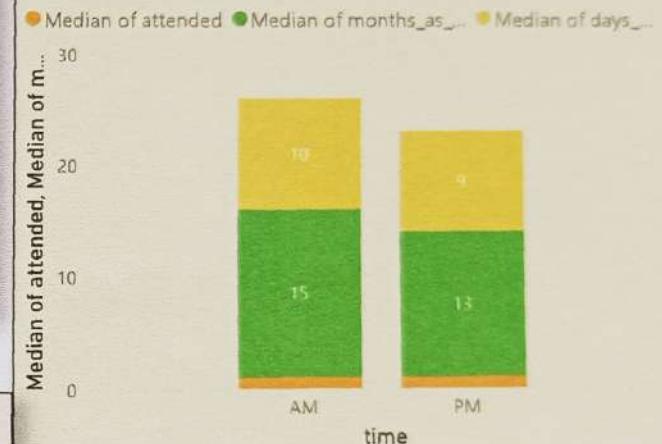
FITNESS TOTAL

average months, member and days before by booking id



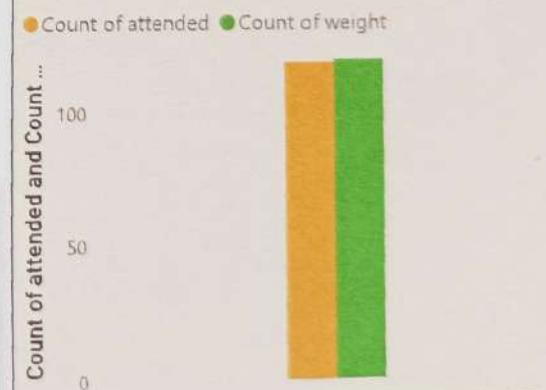
STRENGTH

median of attendance, median of months and median of days before by time

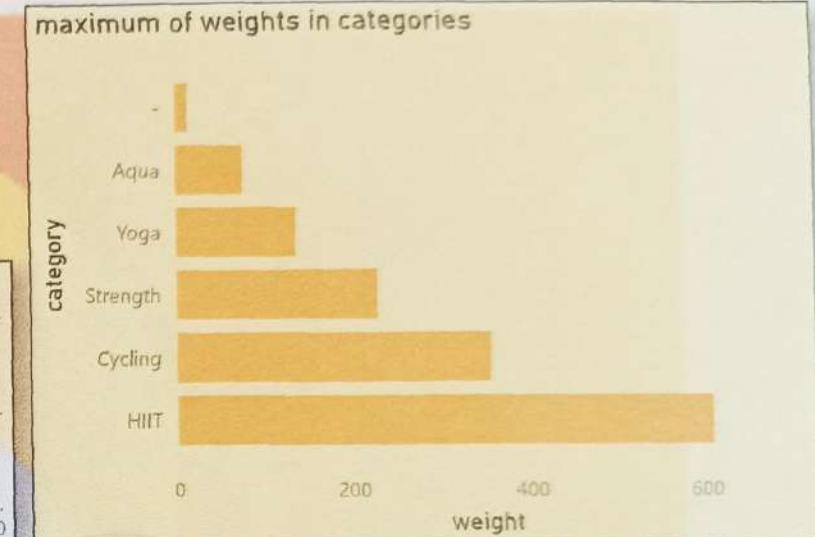
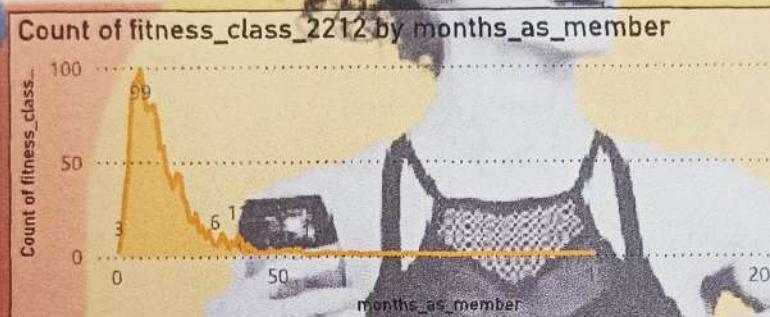
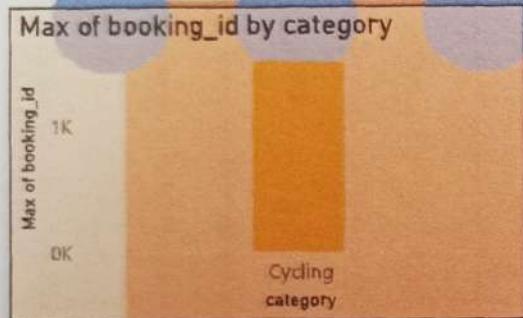
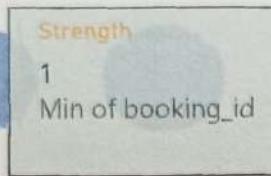
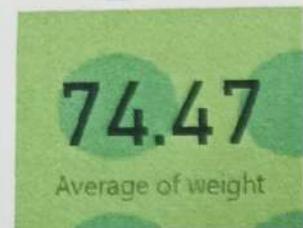


YOGA

count of attended, and Count of weight



optimising fitness class scheduling based on attendance data



what is the fitness class and their types

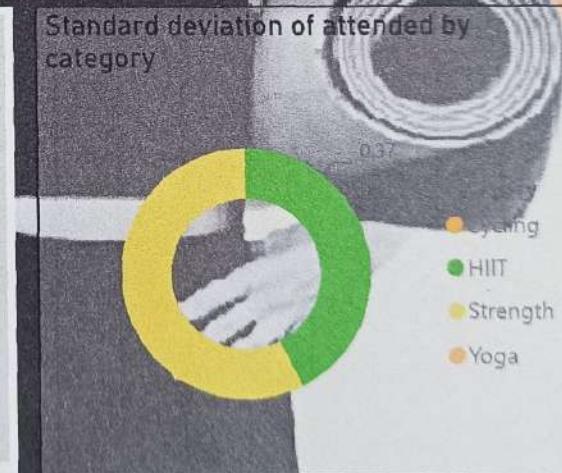
Fitness is the ability to carry out daily task without undue fatigue.

Strong physical fitness is being able to do actives with ample energy to enjoy leisure-time hobbies.

There are some categories they are :

- cycling
- HIIT
- Strength
- yoga

In this categories we have attendance , booking id , days of a week , months as a member , time and weight. In this we have .
Average of weight in cycling is 74.47. least category is strength.
Highest category is cycling . Also we have maximum of booking id by category ,count of fitness class by months as a member ,sum of attendance by category and table of categories .booking id .weight.



booking_id	months_as_member	weight	day
23	2	92.87	10
1082	2	107.87	3
91	3	112.47	10
162	3	110.18	8
177	3	105.88	10
254	3	101.97	12
710	3	102.97	14
1215	3	80.49	10
1393	3	95.75	12
300	4	71.49	14
376	4	90.56	8