Celebrating the Spirit of Childhood – Founder's Day & Children's Day 2024

On 5th November 2024, Shrishti Schools came alive with joy and energy as we celebrated Children's Day with enthusiasm and creativity. The day was a heartfelt tribute to our students, filled with memorable performances and activities organized by our dedicated teachers.

The celebration began with a warm walk down memory lane to honor our founder, whose vision and dedication remain the guiding light of our school. A soulful prayer song and an enchanting invocation dance, performed by teachers, set the perfect tone for the day.

Ms. Naanmalar, Middle School Coordinator, highlighted the values and principles laid down by our founder in an inspiring speech. Our respected Trustee followed with an encouraging address, urging students to dream big and believe in their abilities.

The morning was a delightful showcase of talent and creativity. Teachers presented an English song, an exhilarating Dance Cum Reels performance, and a Tamil song that celebrated cultural richness. The icing on the cake was the Rhythms of Inspiration musical segment, blending melodies with motivational undertones.

Adding to the excitement, teachers performed a medley of songs, a lively Paatu Mandram musical debate, and an engaging skit from Shakespeare's Julius Caesar. The grand finale was a group dance and a closing performance that left everyone smiling.

Our Head of Schools addressed the students, offering heartfelt wishes and encouraging them to pursue learning with passion and determination.

In the afternoon, a raffle draw added an element of surprise, with lucky winners taking home exciting prizes. The school grounds were bustling with vibrant activities, including food stalls, fun games, a DJ jukebox, and a horse-drawn chariot ride.

The Children's Day Celebration was a joyous occasion that truly captured the spirit of childhood. It was a day to cherish, leaving lasting memories for students and teachers alike. *"Childhood is the most beautiful of all life's seasons."*

Experiential Learning Expo 2024-25

"Igniting Minds, Inspiring Innovation:
A Journey Beyond Classrooms"
9th November 2024

Inaugurated by: Prof. Dr. B. Jalakandan (MBBS, DNB - Anaesthesiology, MBA - Hospital Management, Apollo Hospital, Vellore)

The Experiential Learning Expo 2024-25 provided an immersive platform for students to showcase their creativity, innovation, and collaborative efforts across various disciplines.

Department of Mathematics: Playing with Math

Students explored mathematical concepts creatively with projects such as Pascal's Triangle, LCM and HCF models, Roller Coaster designs, and Probability Games. Special attractions included a Mathematical Dance, Modular Geometry Models, Circuit game, fortune wheel, Math Debate, Quiz and Trigonometry Park.

Department of Computer Science:

Grade XI students presented research on robotics in fields such as agriculture, healthcare, and cybersecurity. Highlights included paper presentations and discussions on Human-Robot Interaction, Swarm Robotics, and Autonomous Vehicles.

தமிழ் துறை

தமிழ்நாட்டின் பாரம்பரியத்தையும் அறிவுத்திறனையும் பிரதிபலிக்கும் நிகழ்ச்சியில், 6ஆம் வகுப்பு மாணவர்கள் தமிழ்நாட்டின் சிற்பகலையை, 7ஆம் வகுப்பு மாணவர்கள் இலக்கியத்தில் நவாசங்களை, 8ஆம் வகுப்பு மாணவர்கள் தமிழர் மருத்துவத்தை உணவுப்பொருள்களுடன், மற்றும் 9ஆம் வகுப்பு மாணவர்கள் இலக்கியத்தில் அறிவியலை எடுத்துக்காட்டுகளுடன் விளக்கினர்.

Department of Hindi: Cultural and Heritage Diversity of India

Students celebrated India's rich cultural tapestry through:
• State Presentations: Iconic landmarks and linguistic diversity.
• Cultural Performances: Traditional dances like Kuchipudi, Bhangra, and Garba.
• Culinary Display: Authentic dishes from Kerala, Punjab, Rajasthan, and more.

Department of Science: Viksit Bharat – Indigenous Innovation

With projects promoting innovation and sustainability, students presented models on ecosystems, biodiversity, and renewable energy. Senior students showcased themes on Genetics, Human Physiology, and Biotechnology, including live dissections and interactive displays.

Department of Social Science: Sustainable Development

Students presented models on resource conservation and ecological balance. Notable projects included eFARM, Spy Drones, and Aquaponics Systems.

Department of English: Literary Showcase

Students brought English literature to life with performances and displays:
• Plays: Mother's Day (XI) and The Road Not Taken Choral Recitation (VII).
• Role Play: Depicting Jane Austen (VIII).
• Seasonal Displays: 3D and 2D models, poetry painting, and puppet shows.
• Debates and Declamations: Dynamic engagements by Grade XI.

Empowering Students to Navigate Adolescence with Emotional Resilience

Orientation programme for Grade XI Students

On 15th November 2024, M.S.Saravanan, Head of Shrishti Schools, conducted an insightful and engaging session titled **"The Path to Balance: Enhancing Emotional Health in Students."** The session was thoughtfully designed in response to anonymously shared concerns from students.

Key Highlights of the Session:
• **Emotional Balance:** Practical strategies for managing emotional highs and lows, including journaling, practicing mindfulness, and seeking support from trusted individuals.
• **Infatuation:** Students were encouraged to focus on personal growth and academic priorities during this phase of life. Boundaries in relationships were emphasized, along with the importance of self-awareness.
• **Healthy Sleep:** To promote better sleep hygiene, tips such as maintaining a consistent sleep schedule and engaging in a digital detox before bedtime were discussed.
• **Parental Pressure:** Open communication with parents was highlighted as an essential tool for balancing academic expectations with personal goals. The importance of mutual understanding and shared aspirations was underscored.
• **Gadget Addiction:** The session offered advice on setting screen-time limits and encouraged students to engage in offline activities like reading, sports, and creative hobbies to reduce dependency on gadgets.

The session concluded with an inspiring message encouraging students to adopt the Eagle Mentality—soaring above challenges with focus, self-belief, and resilience.

Small Actions, Big Impact
The Ripple Effect of Community Service

"Community and nature are intertwined threads in the tapestry of life."

On November 18, 2024, our VIII Grade students visited Sengadu for a Community Service initiative, leaving an unforgettable impression. We were warmly welcomed by Mr. Devendran, who introduced us to the region's rich biodiversity and its remarkable tree species, including:
• **Neem Tree (Azadirachta Indica):** Known for its insect-repelling oil and medicinal properties.
• **AC Tree (Pongamia Pinnata):** Offers cooling benefits and pongamia oil.
• **Mahua Tree (Madhuca Longifolia):** Supports respiratory health.
• **Heaven Tree (Ficus Benghalensis):** Provides shade and shelter for birds.
• **Kaduka Tree (Terminalia Anjuna):** Aids digestion.
• **Sundakai Tree:** Enhances oxygen levels and stomach health.

The Heaven Tree stood out for its role in safeguarding bird nests from predators with its dense foliage.

Mr. Devendran also raised awareness about cancer prevention, emphasizing reduced plastic usage and tree planting during special occasions. He highlighted the power of small actions like planting phosphorous-absorbing plants to address environmental challenges.

We experienced the joy of making and sowing seed balls, a simple yet impactful tool for reforestation. This hands-on activity deepened our understanding of environmental sustainability.

This enriching experience underscored the interconnectedness of human and ecological health. It reminded us of the power of collective action, leaving us inspired to contribute to a greener world.
– Sarah Susan Jom (VIII-D)

Class VI Students' Visit to Nava Jeevan Seva Shelter

On 23rd November 2024, Grade VI students of Shrishti Vidyashram, visited the Nava Jeevan Seva shelter for boys, located in Sevoor-Katpadi. During the visit, the students organized a donation drive, providing essential items such as rice, dal, biscuits, chocolates, sugar, books, pens, and pencils.

The initiative aimed to ensure that everyone had access to basic necessities. This experience deeply impacted the students' understanding of homelessness and the importance of offering compassion to those in need. The gratitude expressed by the shelter residents reinforced the students' commitment to supporting vulnerable populations in the community.

Achievements of Shrishtians - A Glimpse of Excellence

Under-12 Football Team
Wins State-Level Tournament
Our talented under-12 football team participated in the State-Level Football Tournament organized by Don Bosco School and emerged victorious, bringing home the much-coveted trophy!

Whiz Kids Inter-School Quiz Competition – 1st Place
A big round of applause for our quiz team, who secured 1st place at the prestigious Whiz Kids Inter-School Quiz Competition held at Vedavalli Vidyalaya on November 23, 2024. Well done, team!

International Youth and Group Study Exchange Programme
On November 20, 2024, a Certificate Distribution Ceremony was held for the International Youth and Group Study Exchange Programme. During the ceremony, students recollected their memorable experiences, and Mr. Dinesh Gajendran, Founder of the Audacious Dreams Foundation – India, was present at the program. Trustee Mr. Mahadevan Venkatesh and Head of Schools Mr. M. S.Saravanan graced this occasion.

Shining Bright at VIT's Comfest
Our talented commerce students brought immense pride to the school by participating in the prestigious Comfest organized by the Department of Commerce at VIT University.

The list of accolades they brought home are as follows:
1st Prize in Lights, Camera, Mime
2nd Prize in Innovation Inferno
2nd Prize in Rural Visionaries
3rd Prize in Hot Seat (Quiz)
Congratulations!

Rangalaya Dance Competition
Awards for Our Dancers
Shrishti's dancers showcased their talents at the Rangalaya Dance Competition, with the Grade 9 Folk Dance team winning 2nd place and Grade 5's solo freestyle performance earning 3rd place. Congratulations to our young artists for their hard work and dedication!

Thananya's World Record Achievement
We are proud of Thananya from Grade II-D for her participation in the initiative Thavariya Vithaigal - Ini Oru Vidhi Seiyom, promoting awareness on child abuse, anti-drugs, and road safety. This effort earned a place in the Nobel World Records on October 2, 2024. Congratulations!

Grade XI Inter-House Activity Series

The Grade XI Inter-House Activity Series, Creativity in Action, was a tremendous success, showcasing the students' creativity and teamwork. Each week, they embraced a new challenge, beginning with heartfelt letter writing to mothers, fostering emotional connections. The series then moved on to vibrant vegetable and fruit carving, followed by the innovative "Waste to Wow" activity, where discarded bottles were transformed into beautiful works of art. Hands-on craftsmanship was celebrated through mat and kite making, with colorful kites filling the sky. Students also explored clay craft, creating intricate and imaginative sculptures. The series concluded with the making of dream catchers, symbolizing hope and inspiration.

Students' CORNER

Student's Note on the International Youth and Group Study Exchange Programme

I'm excited to share my experience during our recent visit to Malaysia and singapore. This ten day trip was packed with everything—learning, culture, adventure, and tons of fun. It all started with a HI. Our journey kicked off with an ice breaking session and our journey to ipoh. Then, at the Perak State Legislative Assembly where we got to have a one on one with y/b Wasanthee MLA of Hutan Melingtan and y/b Bhavani state representative. And UTAR University, where we learnt about their higher education opportunities with a campus tour. Meeting personalities at places like PASAK and Bank Negara gave us real insights into how Malaysia is empowering its youth and building its economy.

The cultural experiences were just as incredible. Walking through Little India was like stepping into the same vibrant world of colors and flavors, though i must say the change from little india to big india did make us shed a few tears. And the visit to a Chinese temple, trekking all the way up the mountain gave us a real sense of Malaysia's rich mix of traditions. Independence Square was powerful too, standing there reminded us of the country's journey toward independence and unity.

We had some serious fun at Genting Highlands with its beautiful views and adventure spots, and our time at the museums and science center gave us a deeper look into Malaysia's heritage and its future in science.

One of the trip's highlights was the futsal match with the Youth Council. It was a fun yet intense game that brought us all together through some friendly competition. And honestly, the bus rides in between everything were just as memorable, filled with laughter and shared memories that brought us even closer as a group.

All in all, malaysia wasn't just a trip—it was a journey filled with learning, bonding, and pure fun. Malaysia welcomed us with open arms, and we left with unforgettable memories and a real appreciation for its culture, spirit, and people. but the seven days there had to come to an end. As it was time to say goodbye to our malaysian delegates and head to singapore. We had our last time together at the twin towers, definitely shed a few tears and then started our journey to singapore.

We started with the educational forum at Marina Barrage, where, we got to dive into Singapore's approach to sustainability at the Sustainable Singapore Gallery. It's amazing how much effort they're putting into managing climate change, keeping their waters clean, and creating green spaces. Topics like waste management and future sustainability plans made us realize just how much Singapore is doing to shape a greener future.

Next, we visited the Hyundai Motor Group Innovation Center Singapore, which felt like stepping into the future of mobility. This place is all about redefining what manufacturing can be—making things faster, smarter, and better for society. Then, at the Singapore Mobility Gallery, we saw how the Land Transport Authority is transforming public transportation with a focus on sustainability and inclusivity. We even got to try training simulators that use AR and VR.

We also had an awesome time at NUS the National University of Singapore. we got to meet the students there and a campus tour. later, we attended SWITCH-the singapore week of innovation and technology, at Marina Bay Sands which was just inspiring, with all the focus on technology and innovation. we got to connect with so many people from around the world like japan, korea, brazil, germany and so much more.

The government sessions were equally enlightening . At the Parl Connect Gallery in the Parliament of Singapore, we learned about their government structure and policies.

But it wasn't all formal sessions! We visited the famous Merlion, had late-night Seven Eleven runs, and caught an amazing water, light, and music show that lit up the night. Universal Studios and Sentosa were absolute highlights too

All in all, Singapore left us with new knowledge, lasting memories, and tons of inspiration. It was an unforgettable mix of learning and adventure. and one cannot forget about the free and easy dinners and the allowances and in the end our HI had turned into goodbyes.

As the ten days went by in a jiffy. and i do not regret anything. but in the end it was priyan sir who made this entire thing even better. he's been such a great mentor to us and has left a lasting impression. his patience with us is something we can't take for granted. i'd like to thank the school management and the audacious dreams foundation for conducting this exchange program and it has taught me a lot not just about these two countries but also about myself and how we all connect as young people from different parts of the worth. But in the end it wasn't just the place it was the people and i'm forever grateful for this opportunity.

- C N NAIVEDYA (XII B1)

GUIDING STAR – HOPE

In darkness, a spark remains
A beacon of light that guides through life's pains.
When fears and doubts storm the mind
Hope's whisper calms the troubled wind.

A reassuring voice, a gentle hand,
Leading us through life's uncertain land.
For shattered dreams, it mends the tears
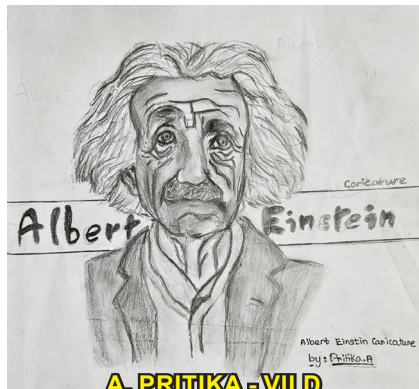And helps to weave a curtain for our new fears.

In every breath, hope's voice is clear
"You are strong, you'll persevere".
Through life's trials and downfalls,
it walks beside
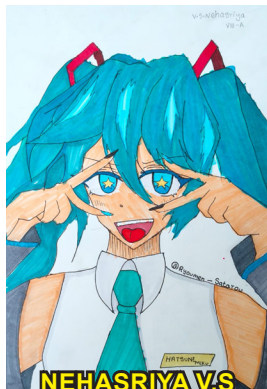And whispers peace, where fears reside.

A ray of sunshine after rain
Hope's promise keeps our hearts from pain.
It reminds me, I'm not alone
And with each dawn, new hope is sown.

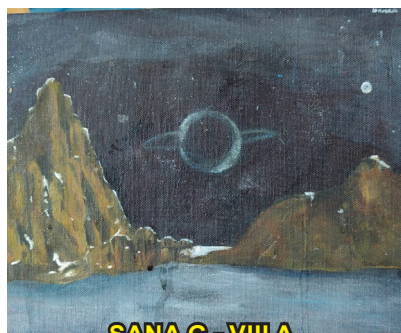*- S.PRATHEEBHA (XI - B2)*

A. PRITIKA - VII D

NEHASRIYA V.S VIII A

P.S.SAI BHAMINI-VIII A

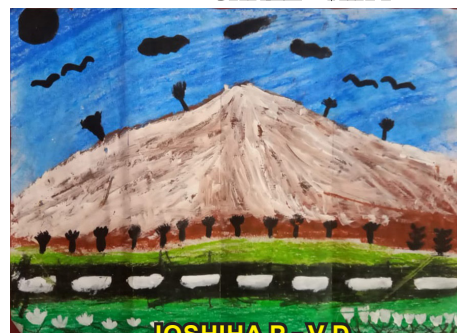
S R KRISHNEYA SHREE - VIII A
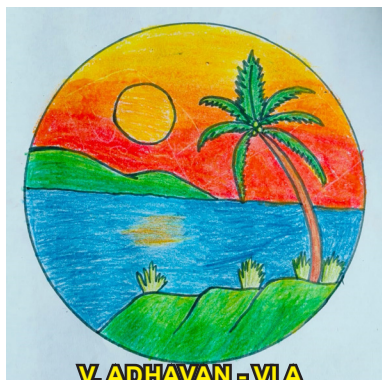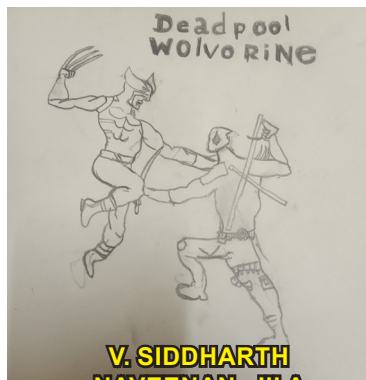

SANA G - VIII A
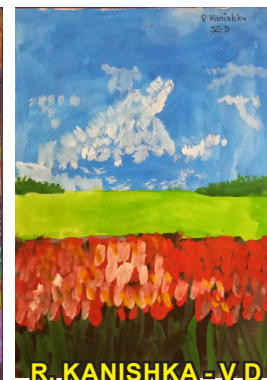

SAKSHI MEENAKSHI R - VI B

JOSHIHA P - V D

V. ADHAVAN - VI A

V. SIDDHARTH NAVEENAN - III A

MAHATHI - IV A

R. KANISHKA - V D

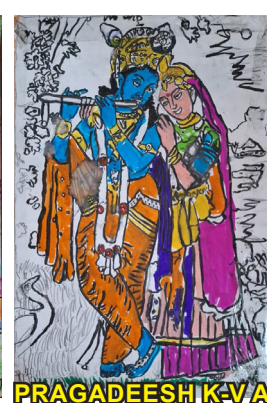SAI PRANAV K - V A

ROSHINI PRINISHA - V A
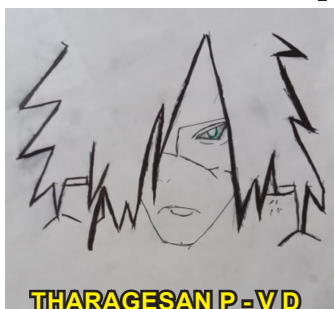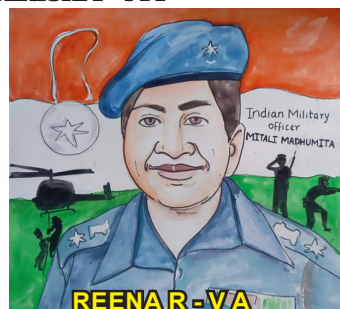

S. S. DHIYANA - V B

N. P. PRANITHA - III A

PRAGADEESH K-V A

THARAGESAN P - V D

REENA R - V A

VARSHA AJAY - V A

GET IT PUBLISHED

Dear Students and Teachers,
Send your achievements / articles / stories / art work / poems / other creative work to
shnl22@shrishti.org

CREATIVE
CORNER

Word-O-Maze
(Confusing words)

1. Perpetrate - It means to commit or carry out a harmful, illegal, or immoral act. It is often used in the context of crimes or wrongful actions.

Example : *The criminals planned to perpetrate a bank robbery but were caught before they could act.*

2. Perpetuate - It means to cause something to continue indefinitely, often referring to undesirable situations, beliefs, or traditions. It implies making something last longer than it naturally would.

Example : *The museum aims to perpetuate the memory of the nation's heroes through its exhibits.*

Idioms

A cat in gloves catches no mice - It means that we cannot achieve success, accomplish tasks, or get what we want without taking some risks or putting in real effort. Being overly cautious or passive can prevent us from reaching our goals.

Example : During the competition, they held back too much, and it cost them the win. Next time, they will remember that a cat in gloves catches no mice.

Keep the wolf from the door - It means to have just enough resources, particularly money, to avoid poverty or starvation and to meet basic needs. It often refers to surviving during difficult financial times.

Example : During the recession, he sold handmade goods online to keep the wolf from the door.

- Ms. Punitha (*Dept. of English***)**

Special Days of the Month

Nov 10, 2024	**World Science Day for Peace and Development:** Highlights the importance of science in building peace and promoting sustainable development.
Nov 11, 2024	**National Education Day (India):** Honors the birth anniversary of Maulana Abul Kalam Azad, a pioneer in Indian education.
Nov 14, 2024	**Children's Day (India):** Celebrates the birth anniversary of Jawaharlal Nehru, emphasizing children's rights and education.
Nov 21, 2024	**World Television Day:** Highlights television's impact on communication, information, and globalization.
Nov 26, 2024	**Constitution Day (India):** Marks the adoption of the Indian Constitution and celebrates democratic values.

DO YOU KNOW ?

Water Bottle Caps & Their Secrets

Red Caps: Electrolyte-enhanced water, perfect for hydration during workouts.

Yellow Caps: Vitamin-enriched water, packed with nutrients for daily health.

Blue Caps: Pure spring water, rich in natural minerals from the soil.

White Caps: Processed water, filtered for a clean, crisp taste.

Black Caps: Alkaline water, with a high pH to balance body acidity.

Green Caps: Flavored water, with refreshing hints of citrus or tropical blends.

Clear Caps: Natural spring water or distilled water, offering pure hydration in every sip.

WATER
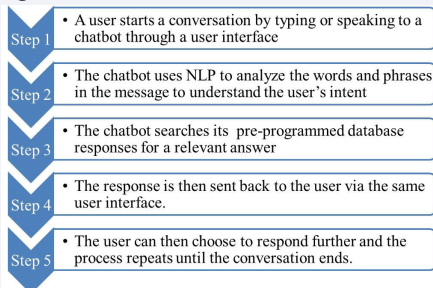50 CL -16.9 OZ

Teachers' CORNER

Chatbot

Artificial intelligence (AI) chatbot are a fascinating advancement in today's digital technology landscape. The chatbot are also known as virtual assistants or digital assistants. AI chatbot understand human language with the help of natural language processing (NLP) and respond using artificial intelligence (AI).

The chatbot use rules to generate responses to specific questions. They also utilize NLP, machine learning and natural language understanding (NLU) to learn from user interactions.

When a user interacts with a chatbot, it analyzes the input and tries to understand its intent. It does this by comparing the user's request to a set of predefined keywords and phrases that it has been already programmed to recognize.

A step by step process in Chatbot
Based on these keywords and phrases, the chatbot will generate a response that it thinks is most appropriate. The typical interaction flow of a chatbot is shown in figure.

Step	
Step 1	• A user starts a conversation by typing or speaking to a chatbot through a user interface
Step 2	• The chatbot uses NLP to analyze the words and phrases in the message to understand the user's intent
Step 3	• The chatbot searches its pre-programmed database responses for a relevant answer
Step 4	• The response is then sent back to the user via the same user interface.
Step 5	• The user can then choose to respond further and the process repeats until the conversation ends.

Types of chatbots:
There are rule-based chatbots and AI chatbots. Rule-based chatbots use a decision tree to provide a set of pre-defined options. AI chatbots use machine learning models to understand the intent behind a question and solve the problem without human assistance.

Limitations of chatbots:
Chatbots can have difficulty with non-linear conversations, multiple questions and unsaved queries. They can also provide incorrect or nonsensical answers.

Mrs. Jeevitha. E

Dept. of Computer Science

Data Visualization
A Gateway to Understanding Data

Data visualization is the graphical representation of information using visual tools like charts, graphs, and maps. It simplifies complex datasets, enabling easier comprehension of trends, patterns, and outliers. Visualizing data is essential

for making quick, accurate decisions, especially when dealing with large volumes of information.

Why is Data Visualization Important?
Revealing Trends: Visualizing data makes identifying trends and patterns easier than scanning tables or raw data.
Providing Perspective: It highlights relationships between datasets, offering valuable insights into the bigger picture.
Enhancing Context: Visuals clarify the context, showing how data elements relate to the overall story.
Saving Time: Charts and graphs convey insights at a glance, reducing analysis time.

Popular Data Visualization Techniques
Bar Charts: Compare categorical data or frequencies.
Line Charts: Track trends over time.
Pie Charts: Show proportions within a whole.
Scatter Plots: Highlight relationships between variables.
Treemaps: Visualize hierarchical data in nested rectangles.

Tools for Data Visualization
Tableau: User-friendly and interactive dashboards.
Microsoft Power BI: Integrated with other Microsoft tools.
Zoho Analytics: Affordable for beginners.

Advantages of Data Visualization
Enhanced Analysis: Makes comparing elements easier.
Improved Communication: Simplifies sharing complex information.
Better Decision-Making: Unveils opportunities and trends.
Efficient Data Sharing: Engages audiences and improves understanding.

Disadvantages of Data Visualization
Time-Consuming: Requires effort to design effective visuals.
Potential Misinterpretation: Misleading visuals can lead to incorrect conclusions.
Accessibility Challenges: May not cater to users with disabilities.

Best Practices for Effective Data Visualization
Know Your Audience: Tailor visuals to their understanding and needs.
Keep it Simple: Use clear, consistent designs with appropriate chart types.
Provide Context: Include labels, titles, and source citations for transparency.
Make it Accessible: Ensure readability and test for various audience needs.

Mrs. Deepika. R

Dept. of Computer Science