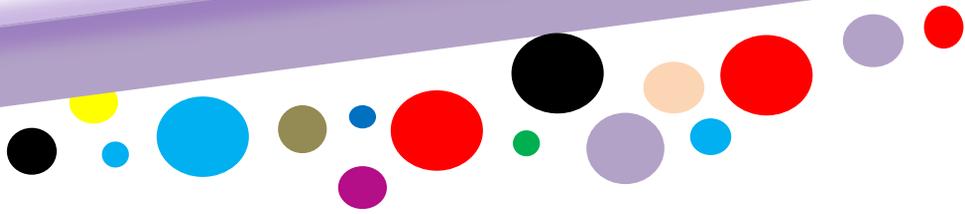
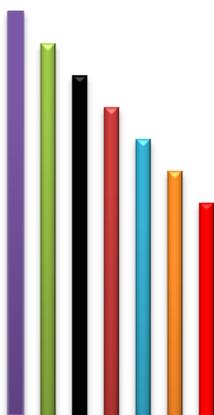
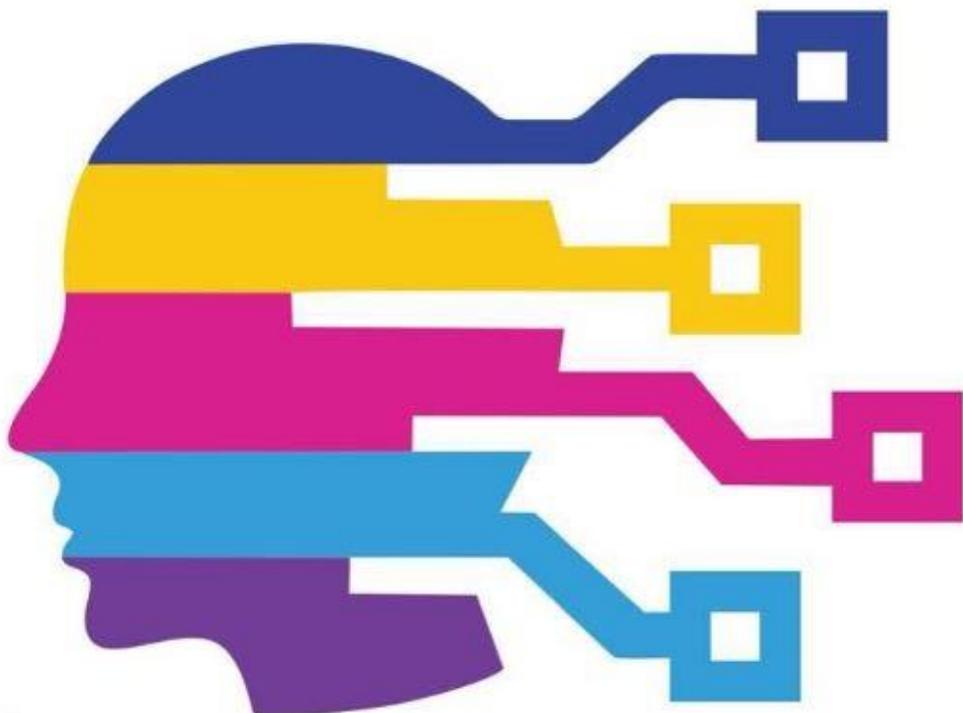


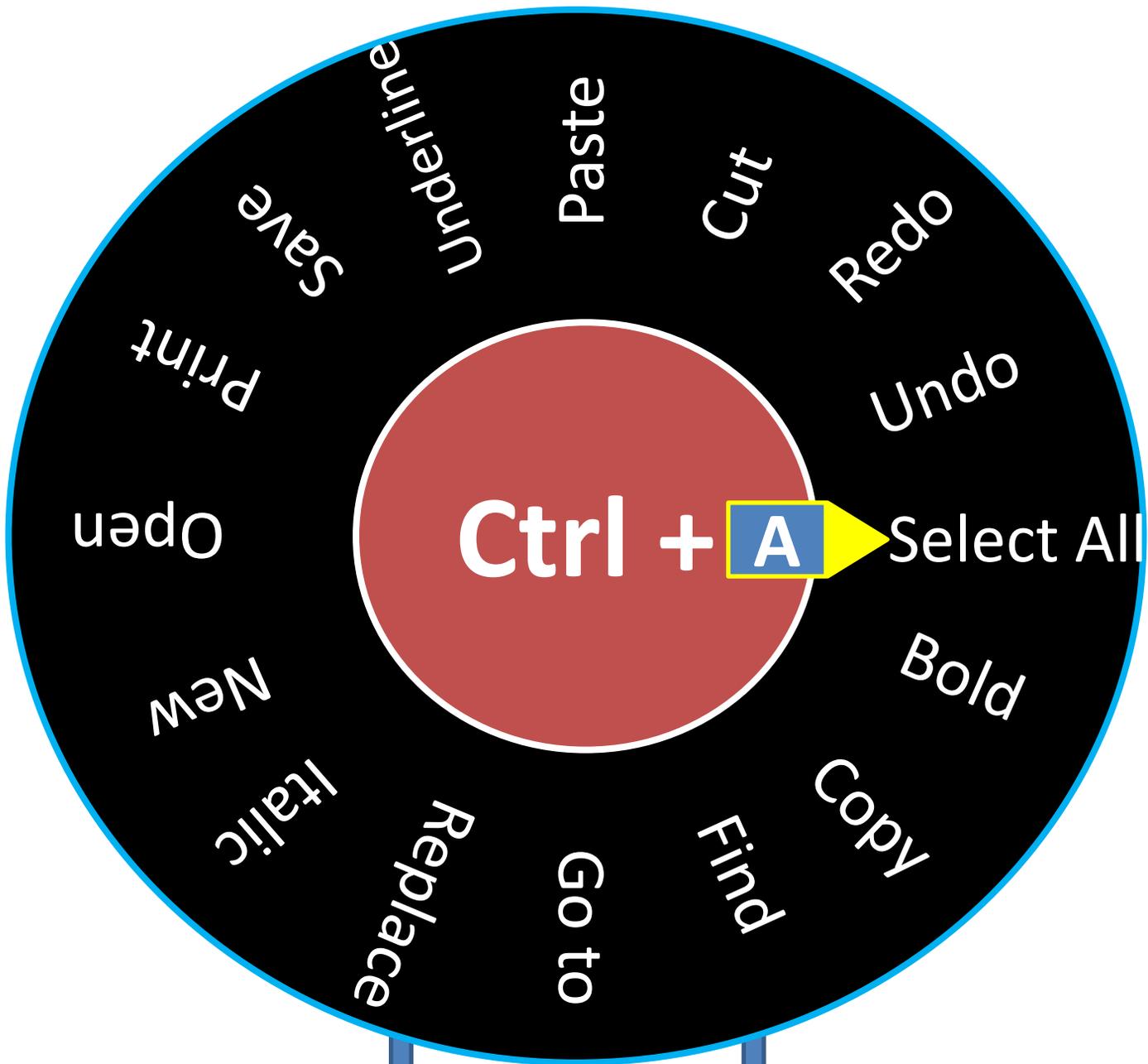
Computer Park



Model

VISION OF DIGITAL REVOLUTION

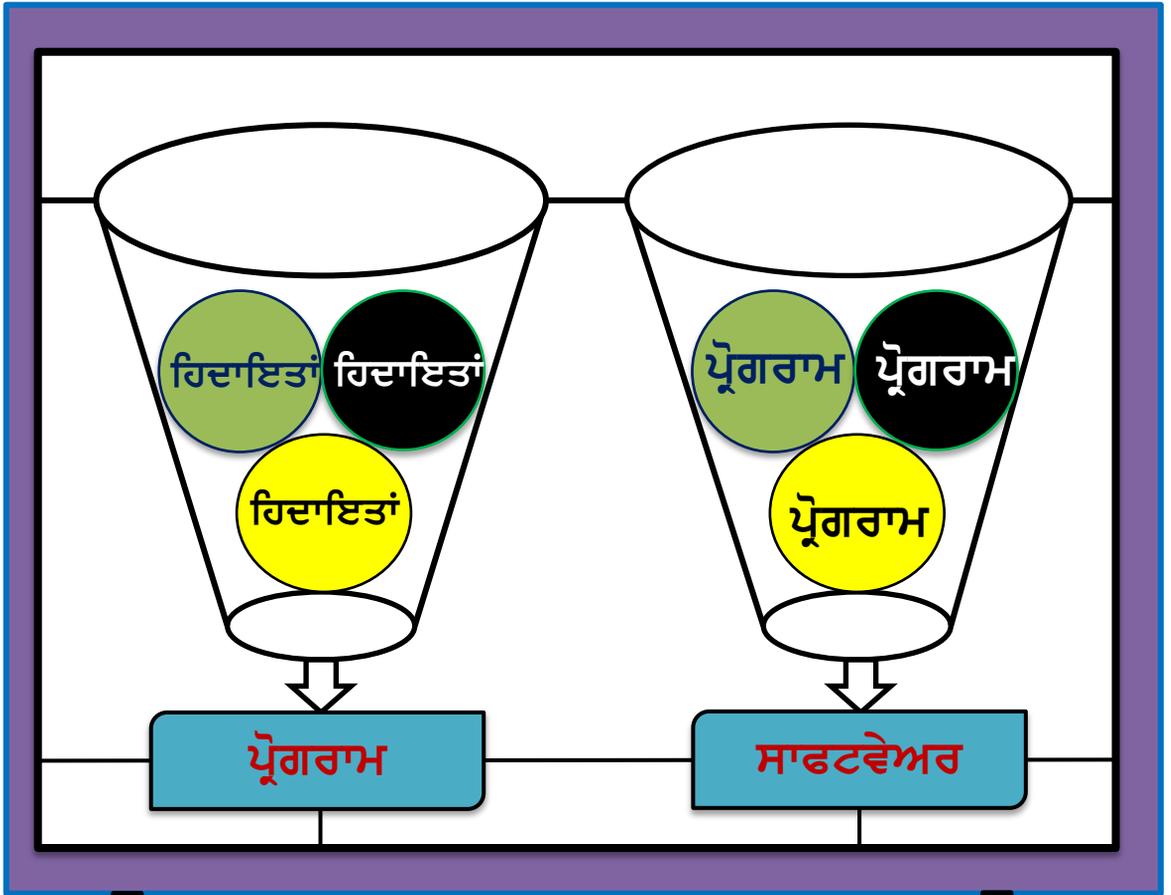




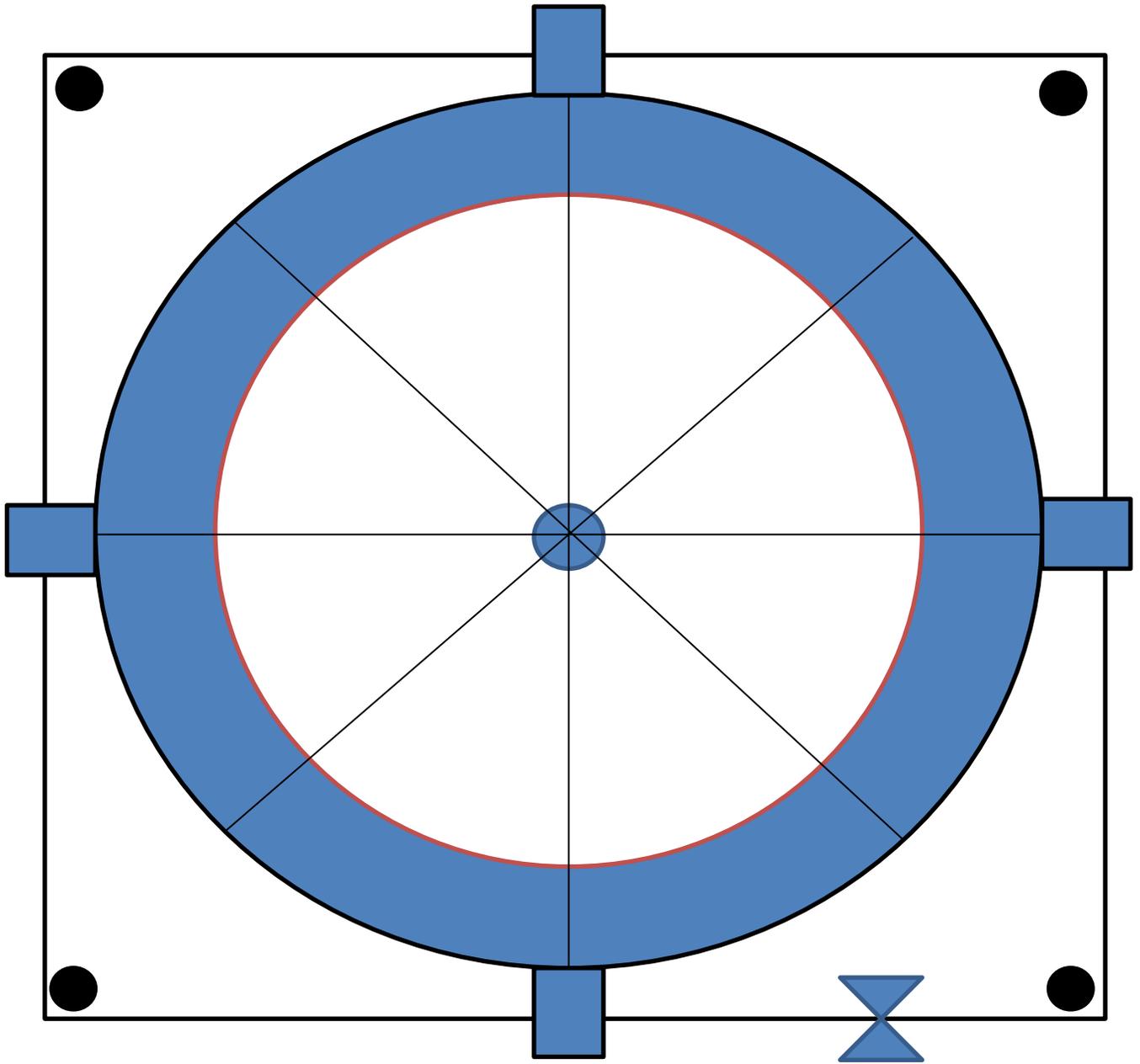
Shortcut Keys

- | | | |
|-----|----------|------------|
| 1. | Ctrl + A | Select All |
| 2. | Ctrl + B | Bold |
| 3. | Ctrl + C | Copy |
| 4. | Ctrl + F | Find |
| 5. | Ctrl + G | Go to |
| 6. | Ctrl + H | Replace |
| 7. | Ctrl + I | Italic |
| 8. | Ctrl + N | New |
| 9. | Ctrl + O | Open |
| 10. | Ctrl + P | Print |
| 11. | Ctrl + S | Save |
| 12. | Ctrl + U | Underline |
| 13. | Ctrl + V | Paste |
| 14. | Ctrl + X | Cut |
| 15. | Ctrl + Y | Redo |
| 16. | Ctrl + Z | Undo |

Shortcut Keys

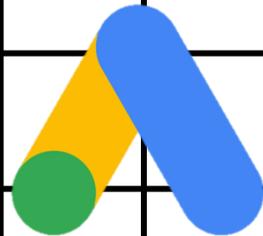
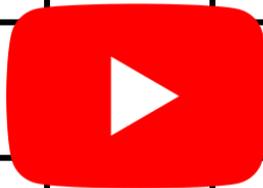
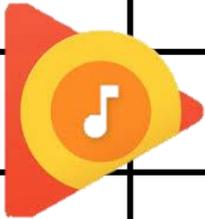
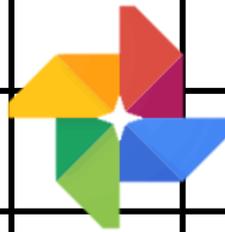
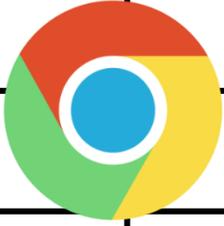


Computer Roll Camera



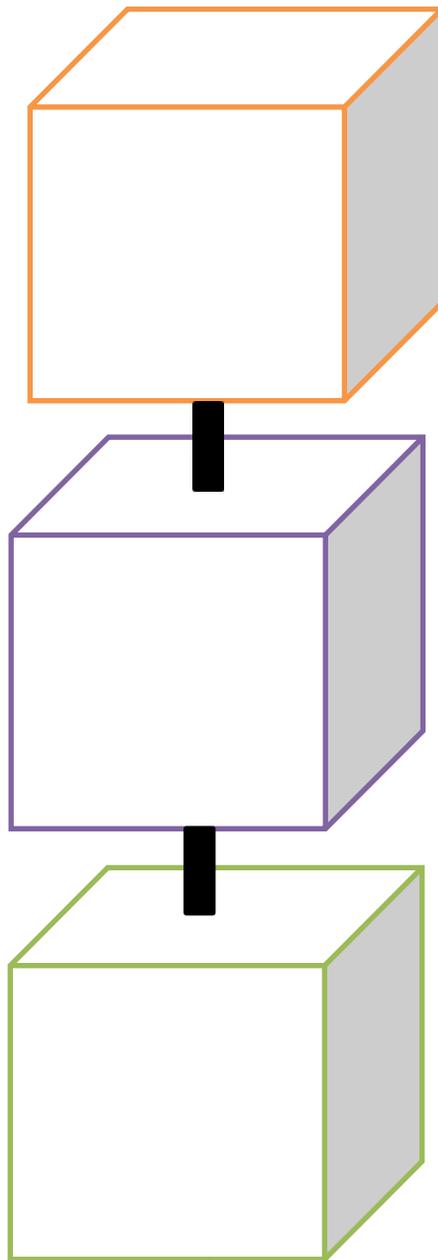
***Insert Scientist Photo inside the roll**

Google App



Spell Bee Computer Words

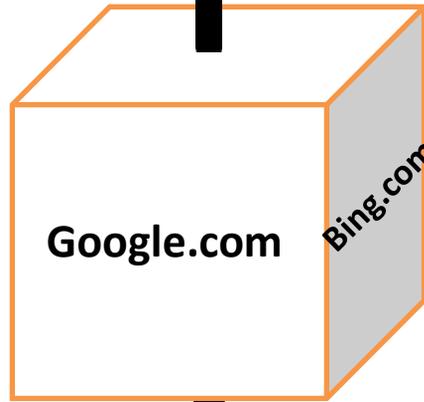
E	E	W	R	S	O	O	S	Y	E	K	O
F	O	L	D	E	R	S	A	A	D	V	D
P	R	R	R	M	T	R	E	B	O	O	T
N	O	O	A	A	H	N	K	I	U	S	D
O	K	O	O	G	R	T	I	R	S	D	H
T	E	M	B	B	W	E	R	R	B	A	A
E	Y	S	R	M	O	U	S	E	P	R	R
S	B	P	E	I	S	C	R	E	E	N	D
U	O	E	H	H	C	R	A	E	S	E	W
H	A	A	T	T	A	B	L	E	E	E	A
R	R	K	O	E	M	O	N	I	T	O	R
A	D	E	M	I	C	O	N	S	E	R	E
B	V	R	K	E	R	A	W	T	F	O	S
R	E	S	W	O	R	B	C	P	U	A	R



Rotating Blocks

WRITE FULL FORMS

1. CPU : Central Processing Unit
2. ALU : Arithmetic Logic Unit
3. CU : Control Unit
4. MU : Memory Unit
5. RAM : Random Access Memory
6. ROM : Read Only Memory
7. GUI : Graphical User Interface
8. CD : Compact Disk
9. DVD : Digital Video Disk
10. BCR : Bar Code Reader
11. VDU : Visual Display Unit
12. MS Paint : Microsoft Paint



Rotating Block

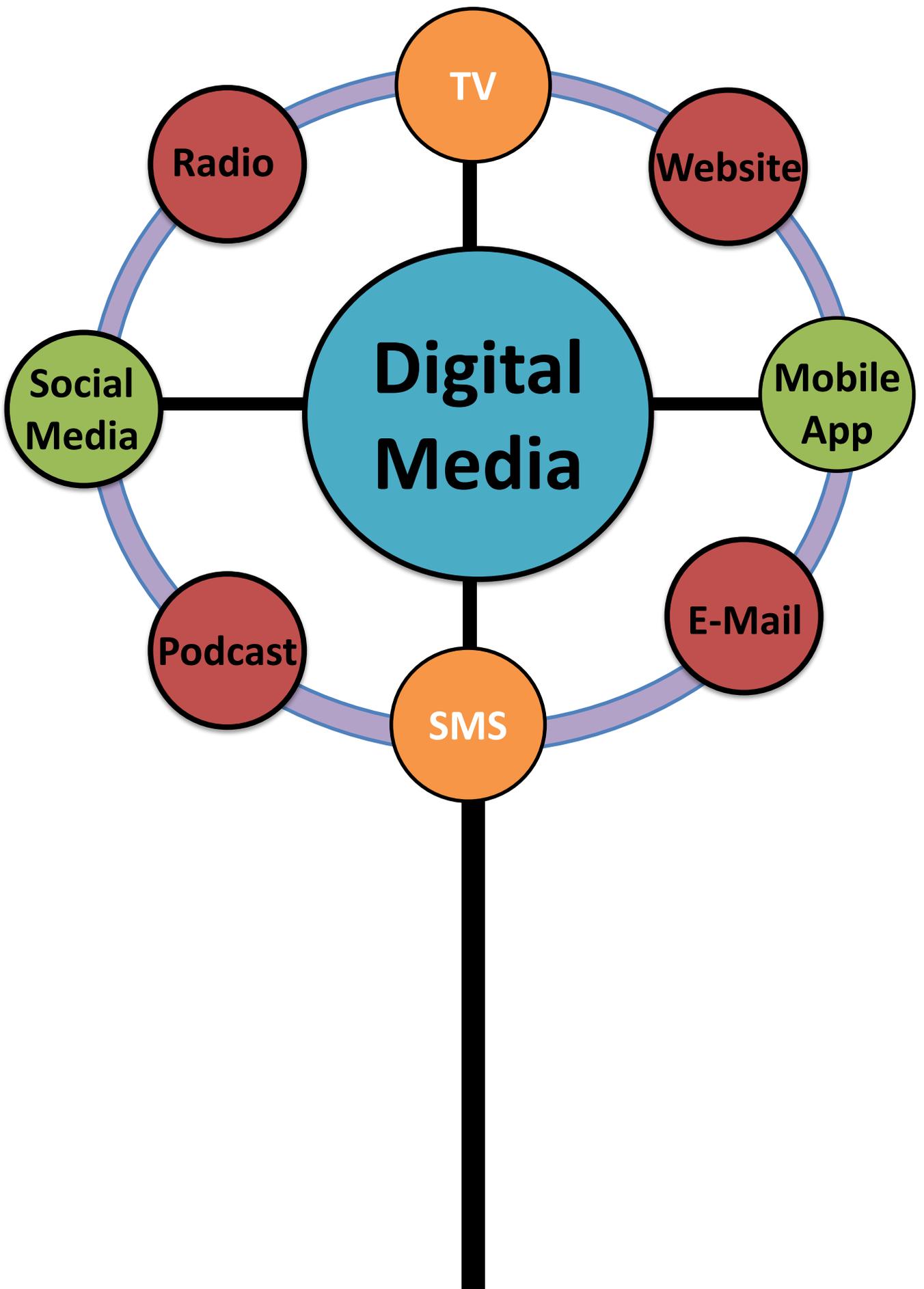
Search Engines

Google.com

Bing.com

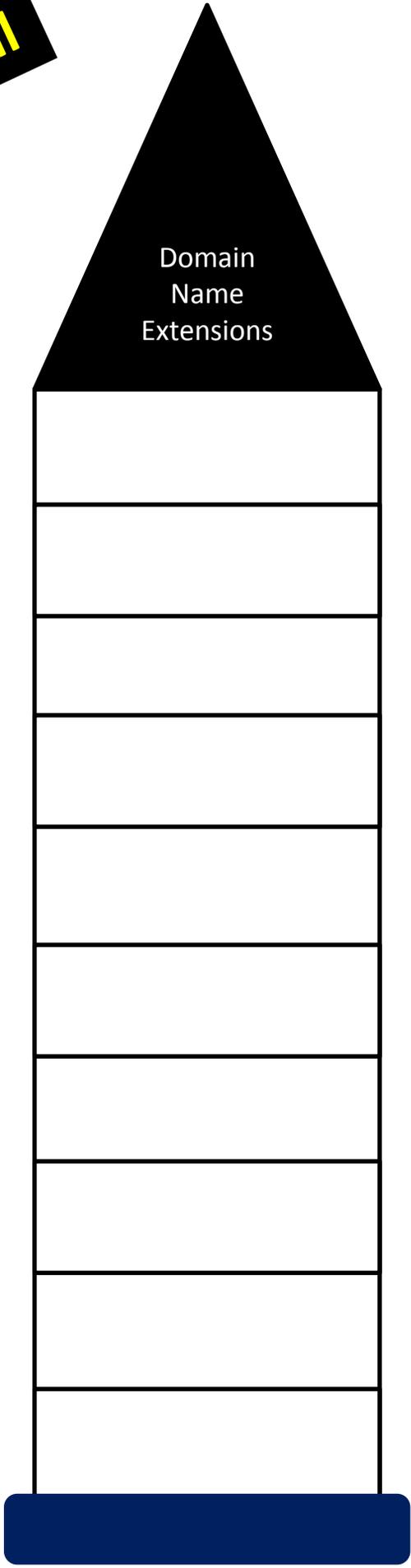
Ask.com

Yahoo.com

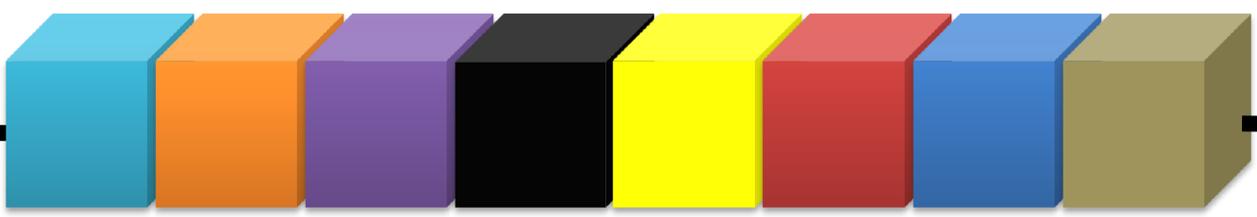
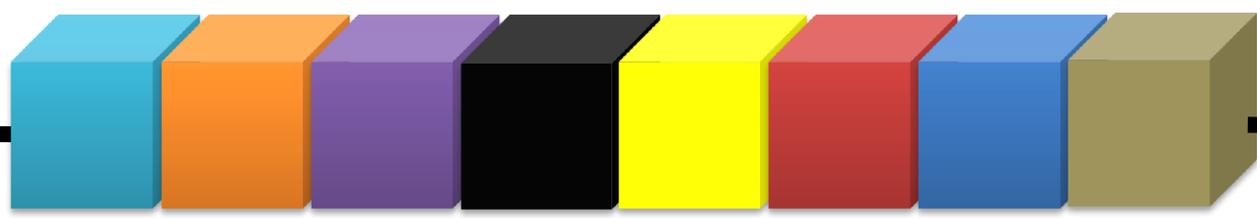
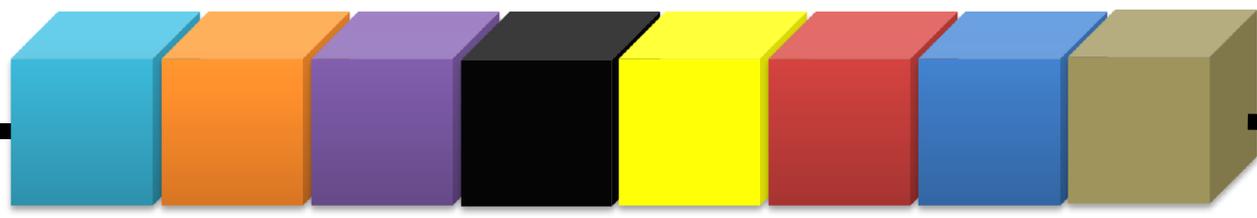
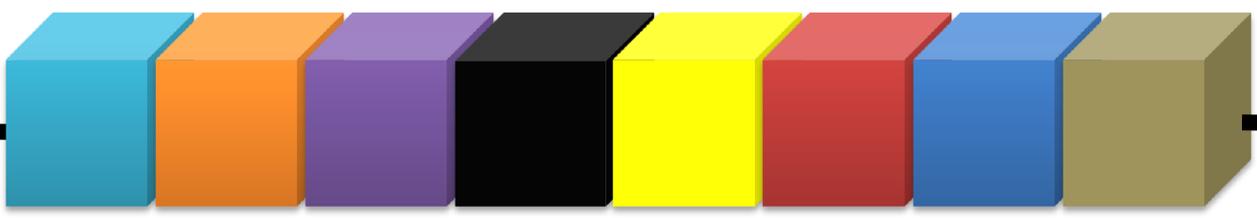
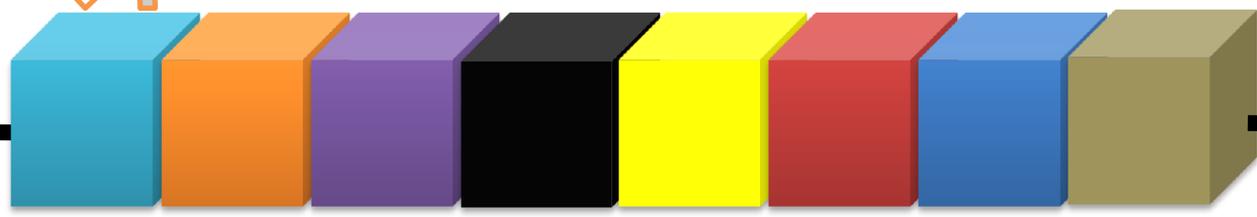


Rotational Pencil

Abbreviation (Extensions)	Full Forms
.com	Commercial Internet Sites
.net	Internet Administrative Site
.org	Organization Site
.edu	Education Sites
.firm	Business Site
.gov	Government Site
.int	International Institutions
.mil	Military Site
.mobi	Mobile Phone Site
.int	International Organizations
.io	Indian Ocean (British Indian Ocean Territory)
.mil	U.S. Military
.gov	Government
.store	A Retail Business
.web	Internet Site that is about the World Wide Web
.in	India
.au	Australia
.ae	Arab Emirates
.sa	Saudi Arabia
.us	United States
.uk	United Kingdom
.kh	Cambodia
.th	Thailand
.cn	China
.vn	Vietnam
.jp	Japan
.sg	Singapore
.nz	New Zealand
.my	Malaysia



Rotating Blocks



Write single letter on each box to complete a Word

- ❖ Computer
- ❖ Software
- ❖ Digital
- ❖ Printer
- ❖ Coding
- ❖ Data
- ❖ Program
- ❖ Devices
- ❖ Internet
- ❖ Modem
- ❖ Storage
- ❖ Google
- ❖ Pointer
- ❖ Keyboard
- ❖ Mouse
- ❖ Screen
- ❖ Wireless
- ❖ Online
- ❖ Network
- ❖ Screen

Computer Input & Output Devices

Input Devices

1 Keyboard

2 Mouse

3 Scanner

4 Joy Stick

5 Track Ball

6 Light Pen

7 Microphone

Output Devices

1 Monitor

2 Printer

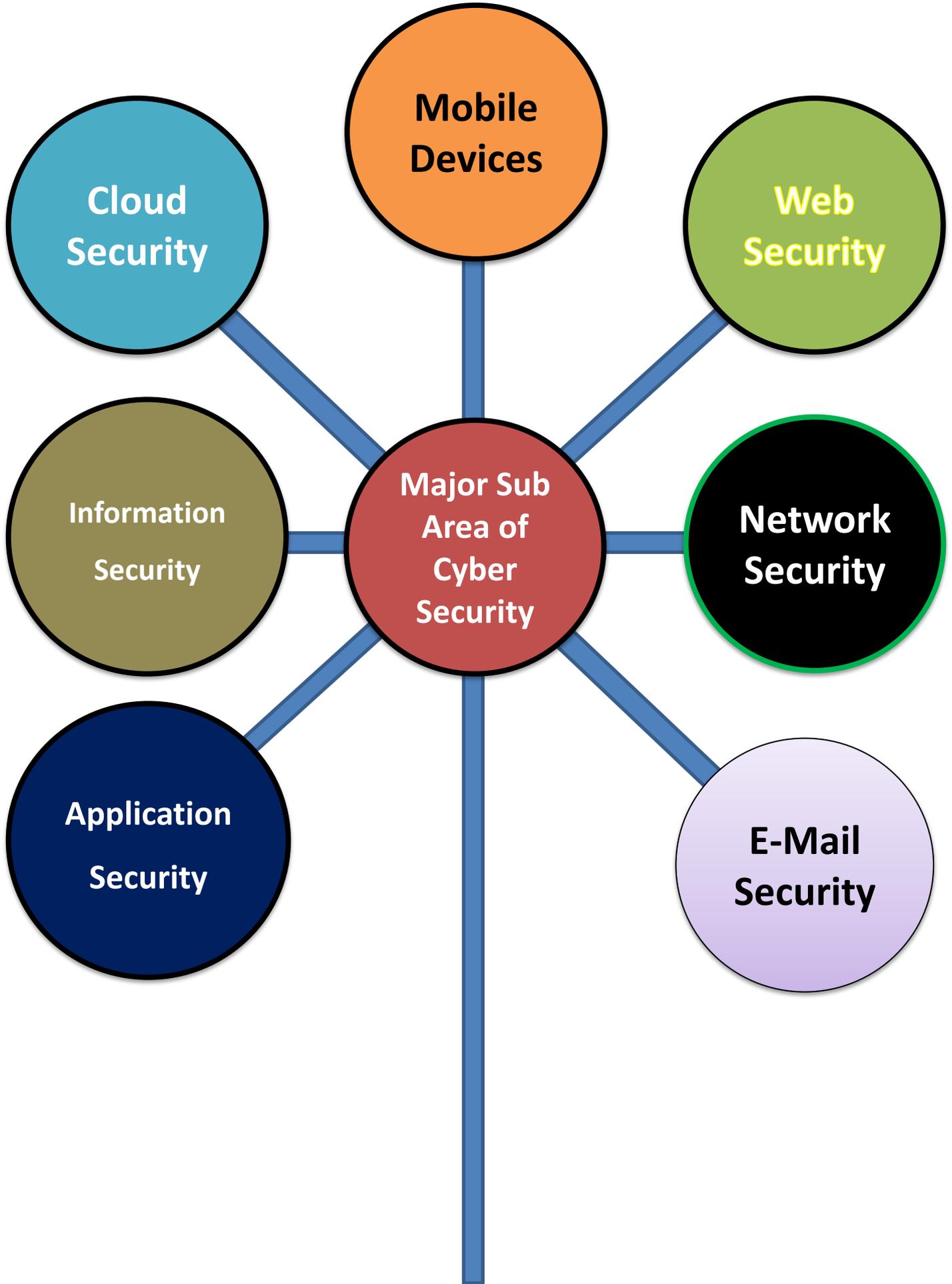
3 Projector

4 Headphones

5 Speaker

6 Plotter

7 Touchscreen



Web Browser

Internet Explorer

Google Chrome

Mosaic

Firefox

Safari

Opera

- Internet Explorer
- Google Chrome
- Mosaic
- Firefox
- Safari
- opera
- Microsoft Edge
- Netscape Navigator
- Brave
- Lynx browser

**Educational
Web Link**

punjabeducare.org

khanacademy.org

swayamprabha.gov.in

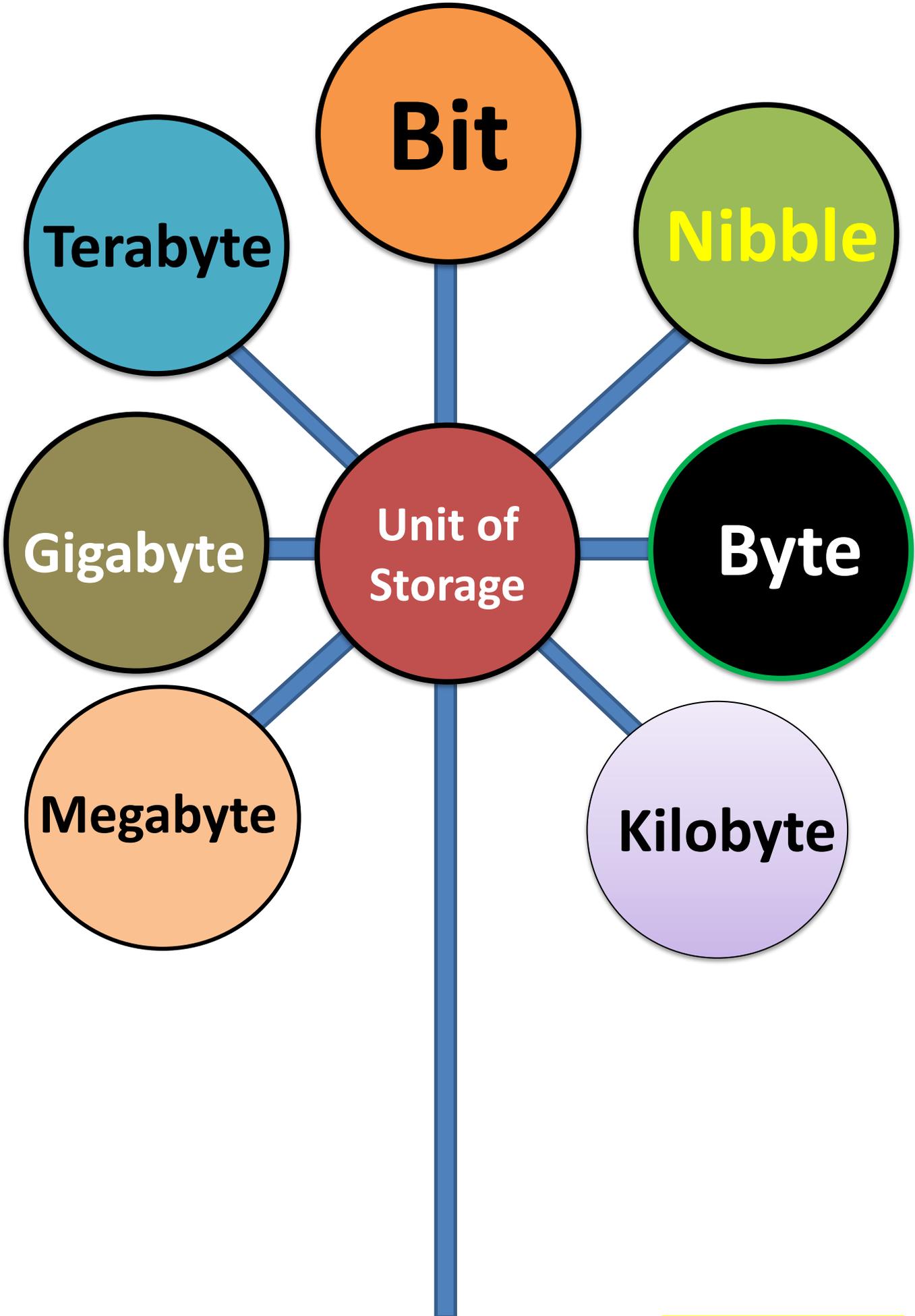
ssapunjab.org

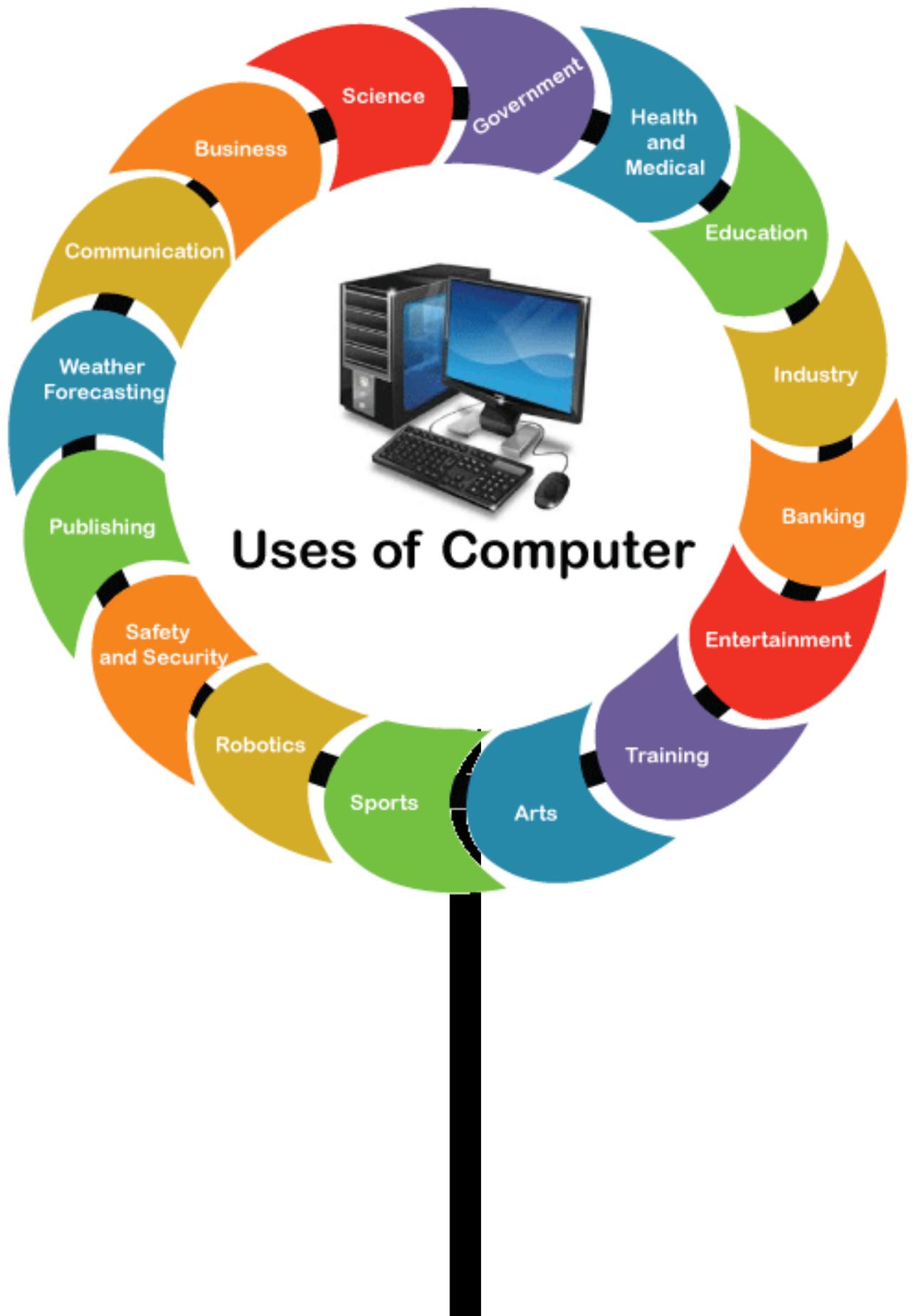
punjab.gov.in

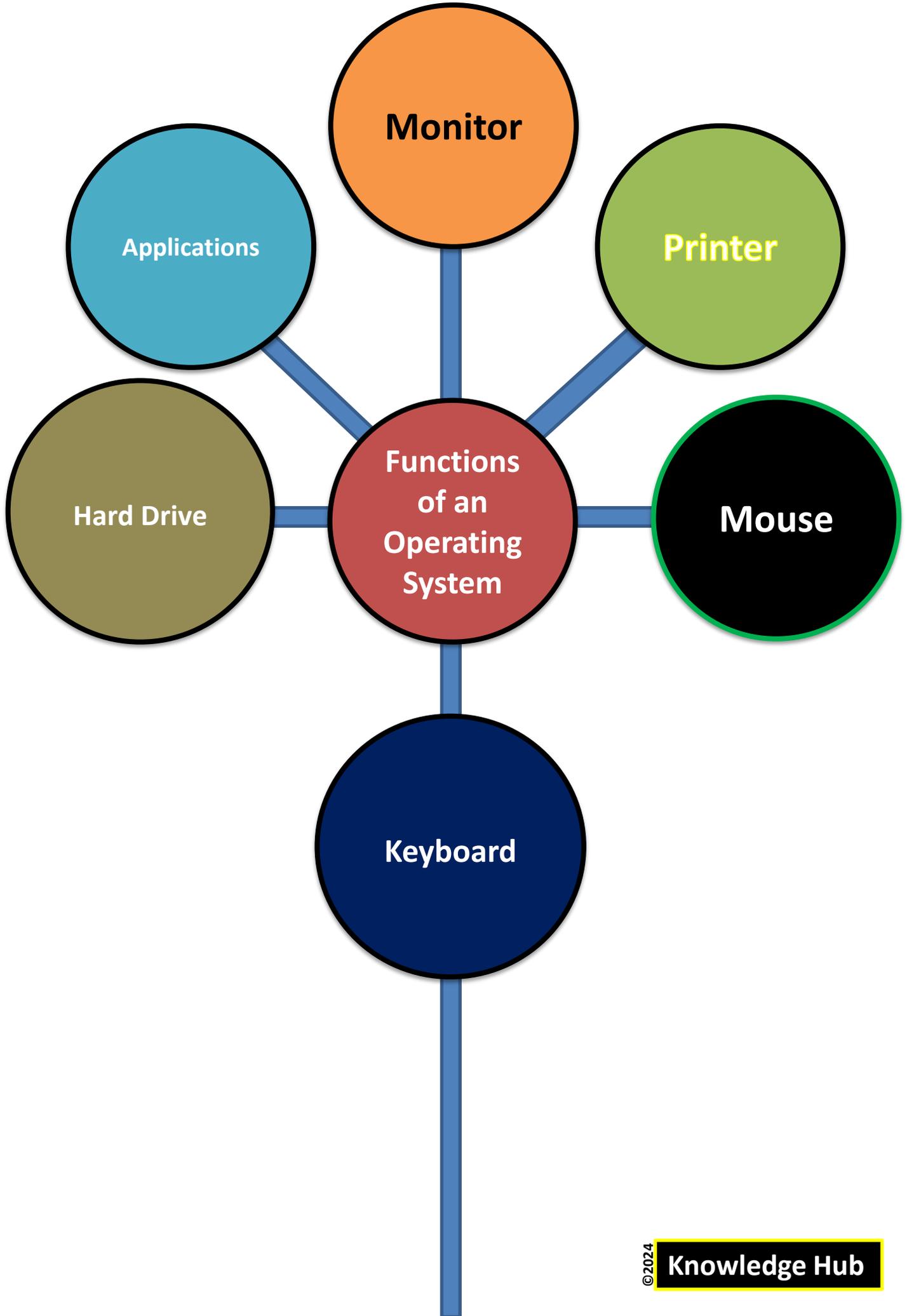
righttoread.englishhelper.com

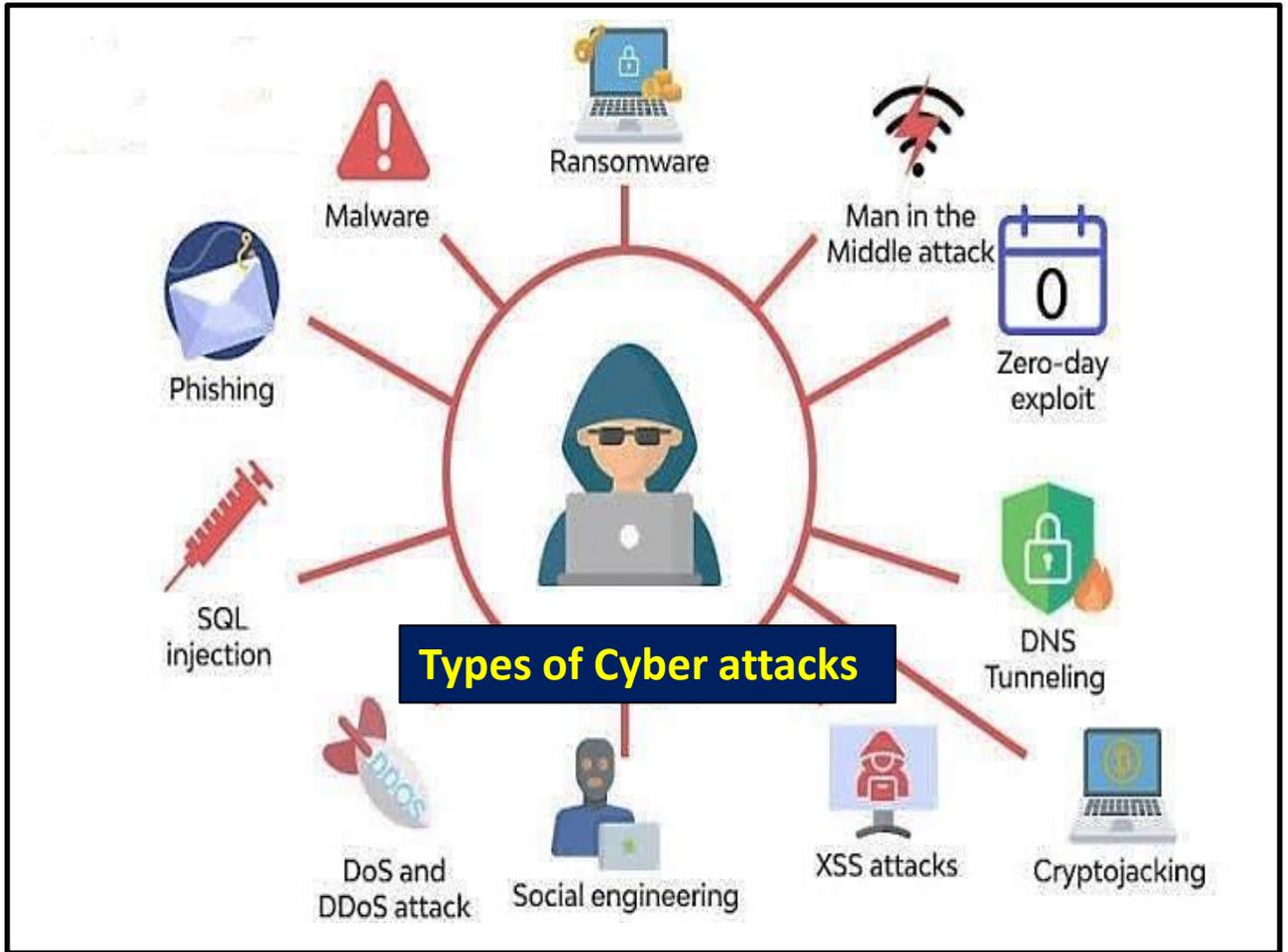
scholarships.gov.in

epunjabschool.gov.in











Computer Languages

HTML (Hyper Text Markup Language)

CSS (Cascading Style Sheets)

PHP (Hypertext Pre-processor)

SQL (Structured Query Language)

FORTRAN (Formula Translating)

Types of Keys

Alphabetical Keys

Numeric Keys

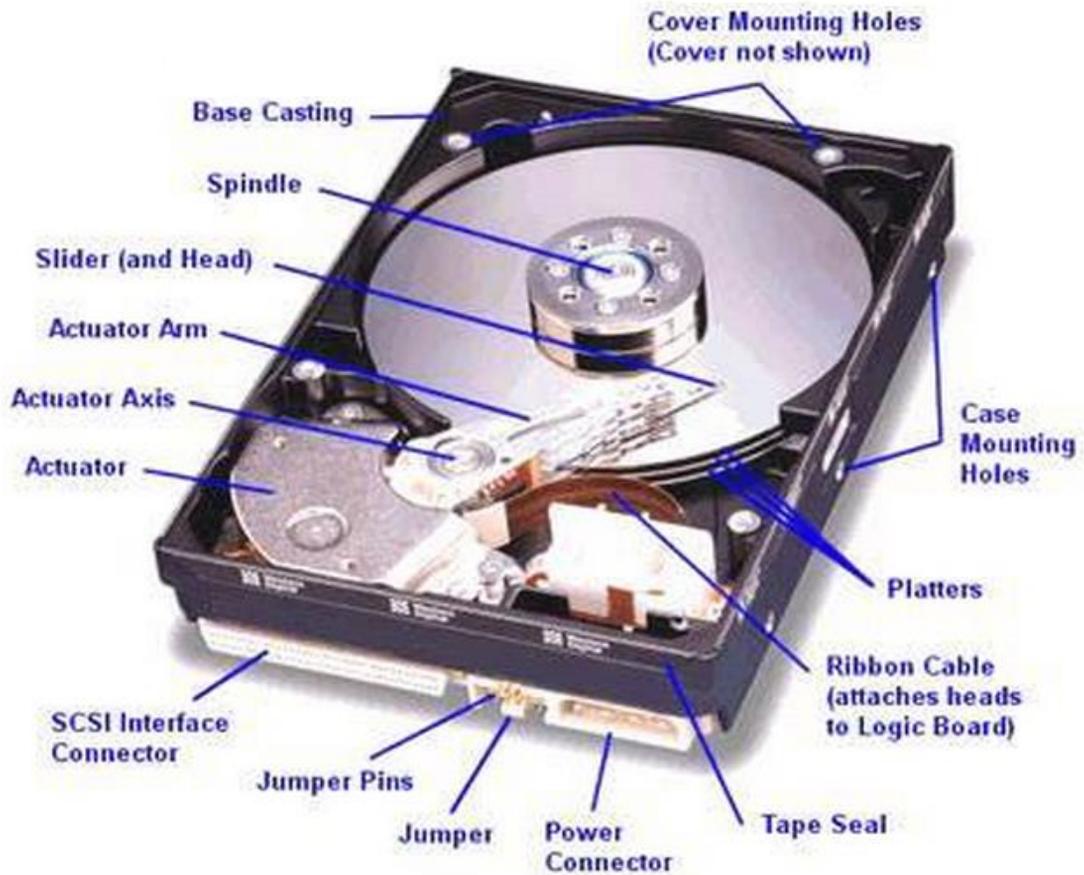
Functional keys

Special keys

Arrow Keys

Special Symbols Keys

ਹਾਰਡ ਡਿਸਕ ਦੇ ਭਾਗ



Computer Languages

HTML

CSS

JAVA

PHP

C/C#

COBOL

FORTRAN

Python

Pascal

Swift

Special Keys

Delete

Enter

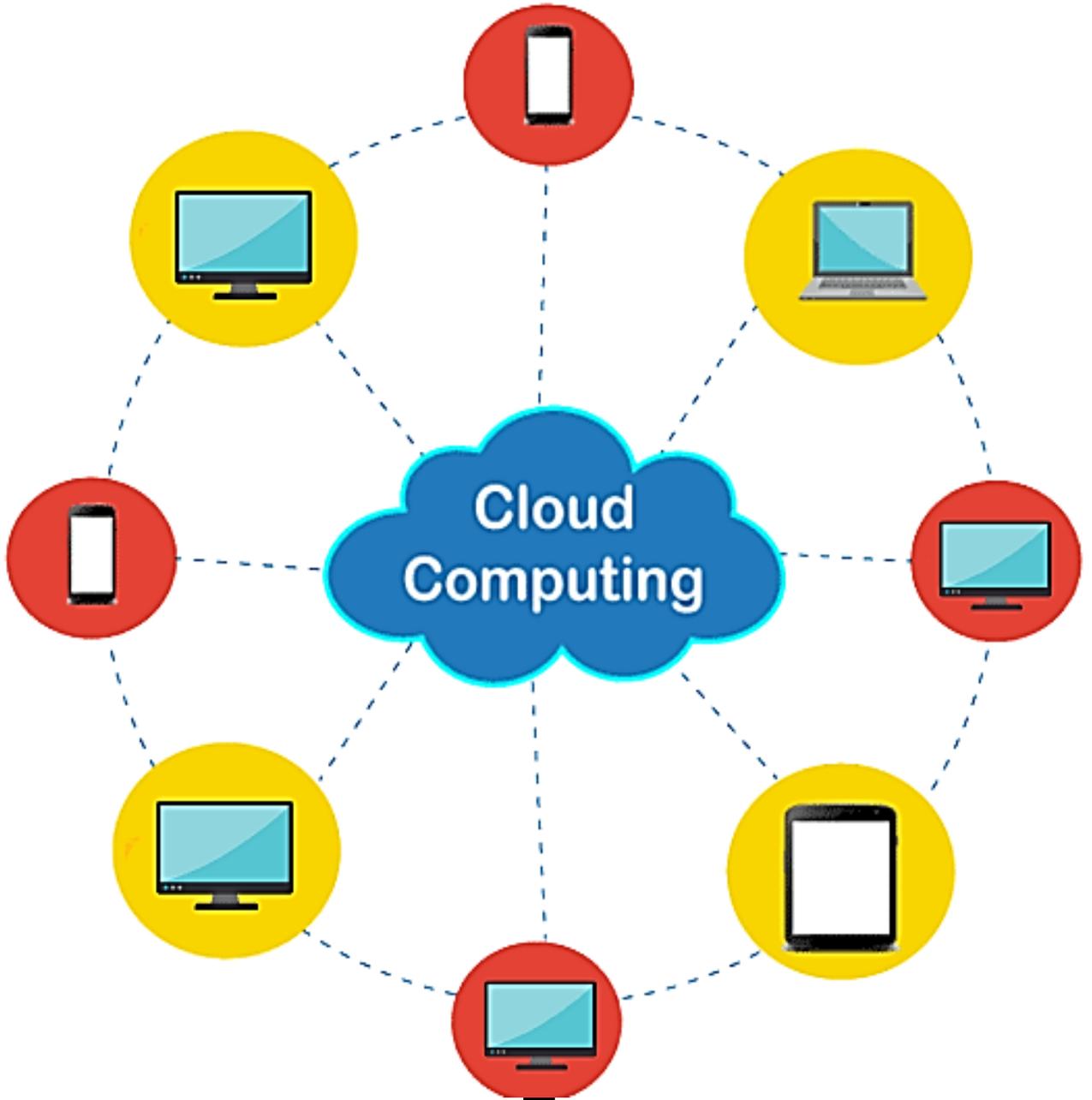
Spacebar

Control

Shift

Caps Lock

Alt Keys



Software

MS Word

MS Paint

MS Excel

MS PowerPoint

Operating System

Hardware

Hard Disk

Mouse

Monitor

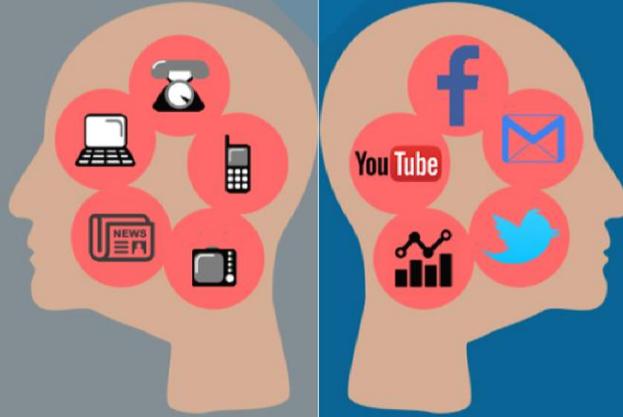
Keyboard

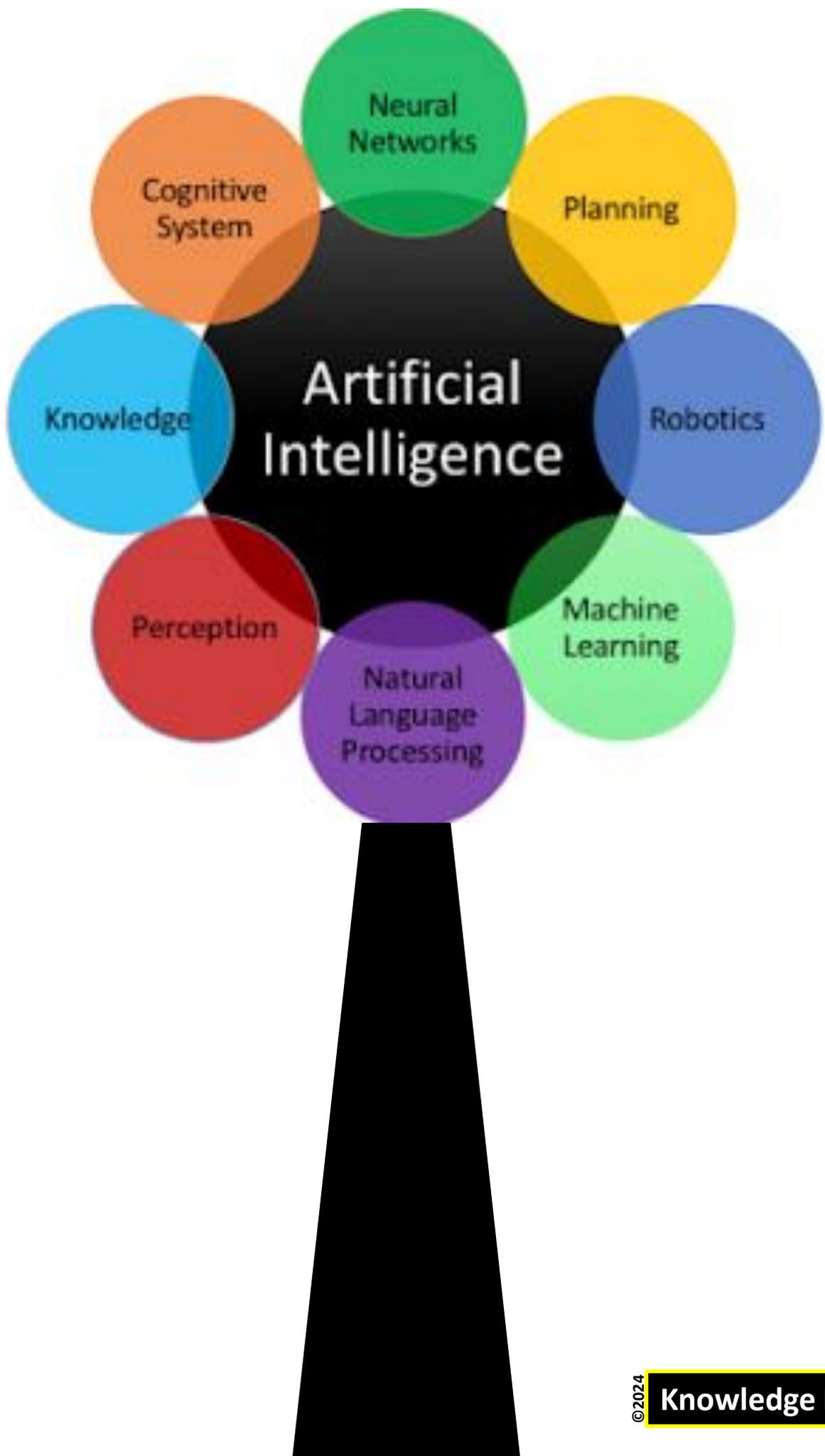
Printer

TRADITIONAL

DIGITAL

VS





G2C

citizen

G2B

business

**E-Governance
Models**

G2G

government

G2E

employee

**NGOs
(G2N)**

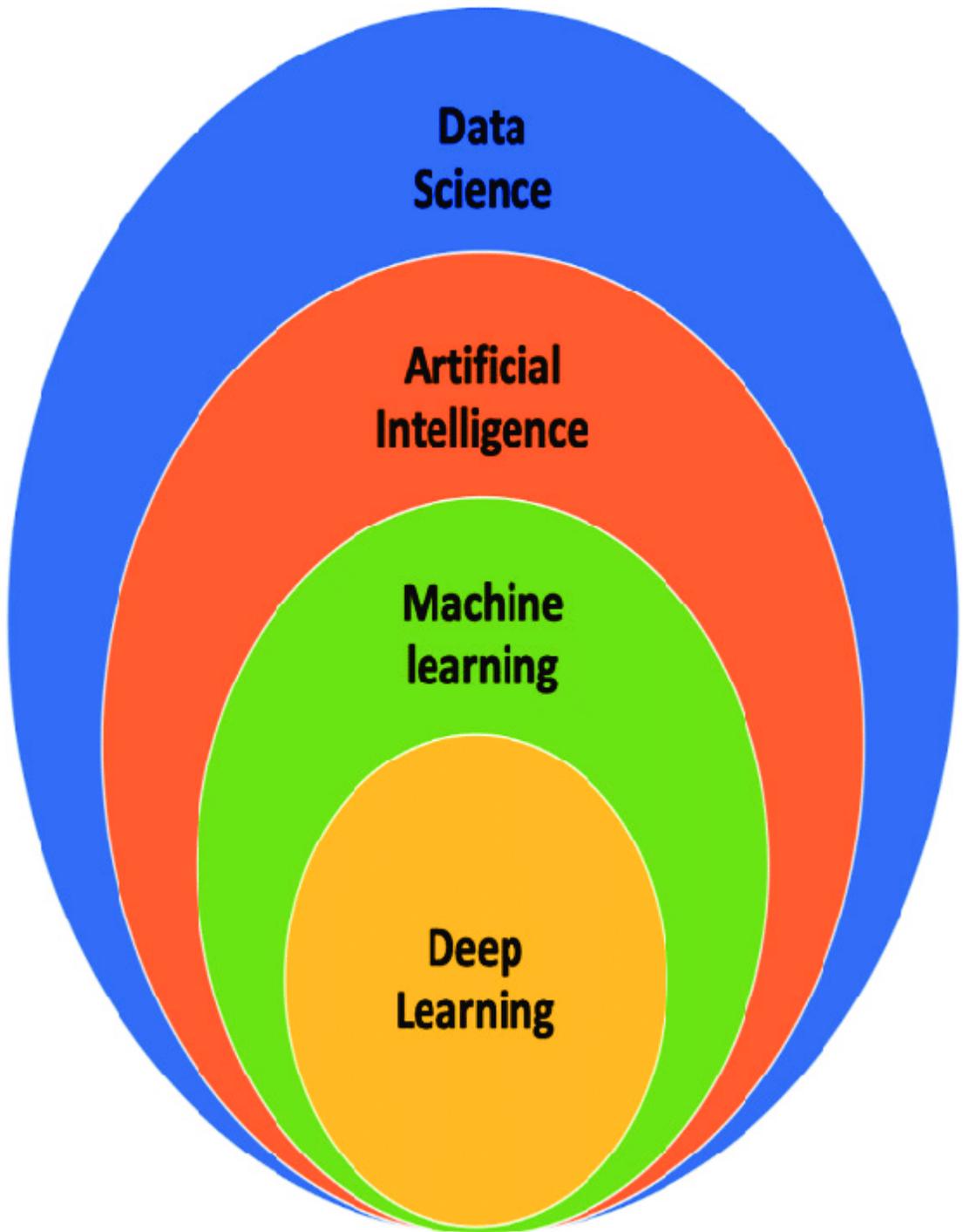
**Microsoft
Windows**

**Google
Android**

**Operating
System**

Apple
▪ **Mac OS**
▪ **iOS**

Linux

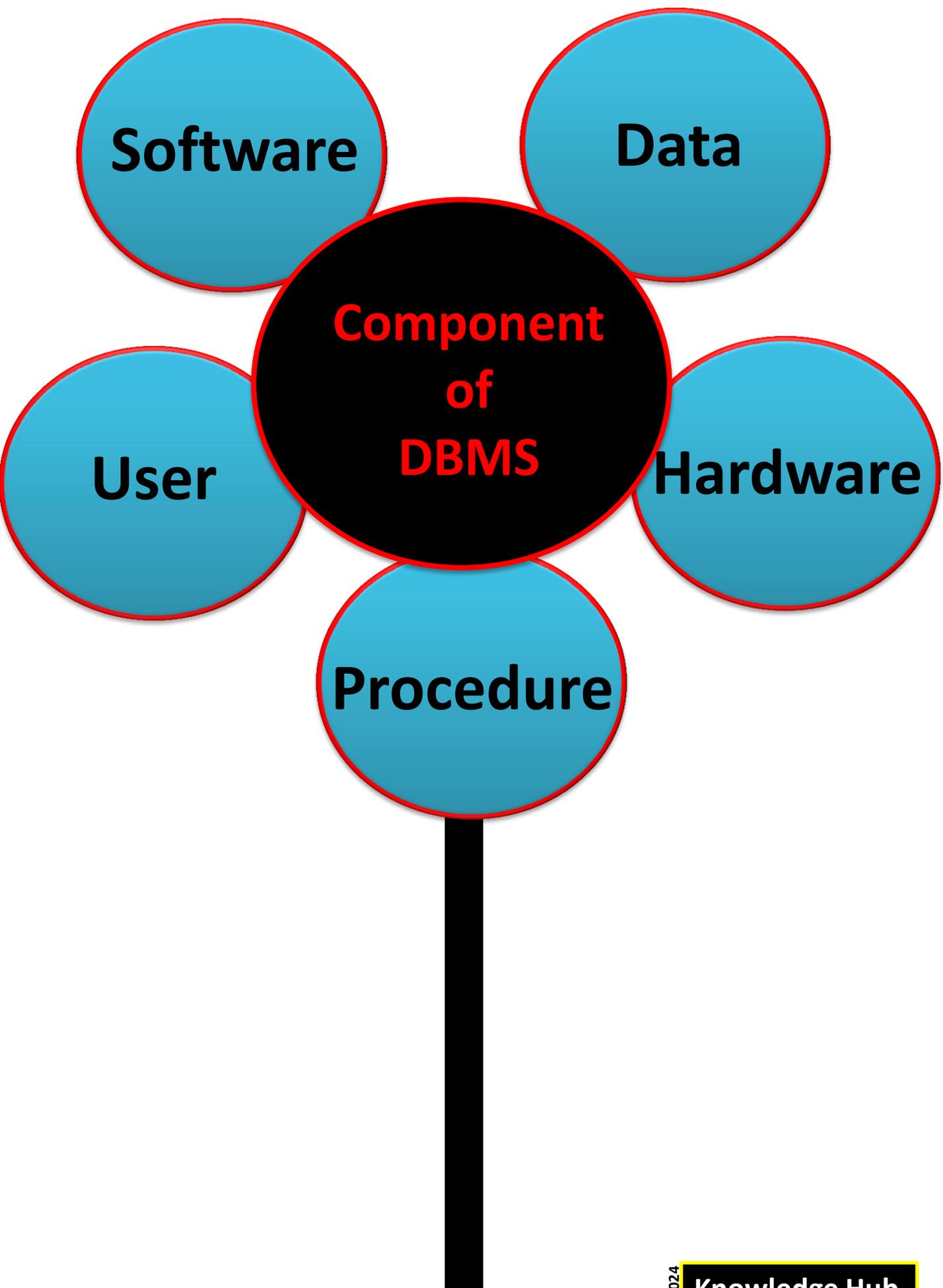


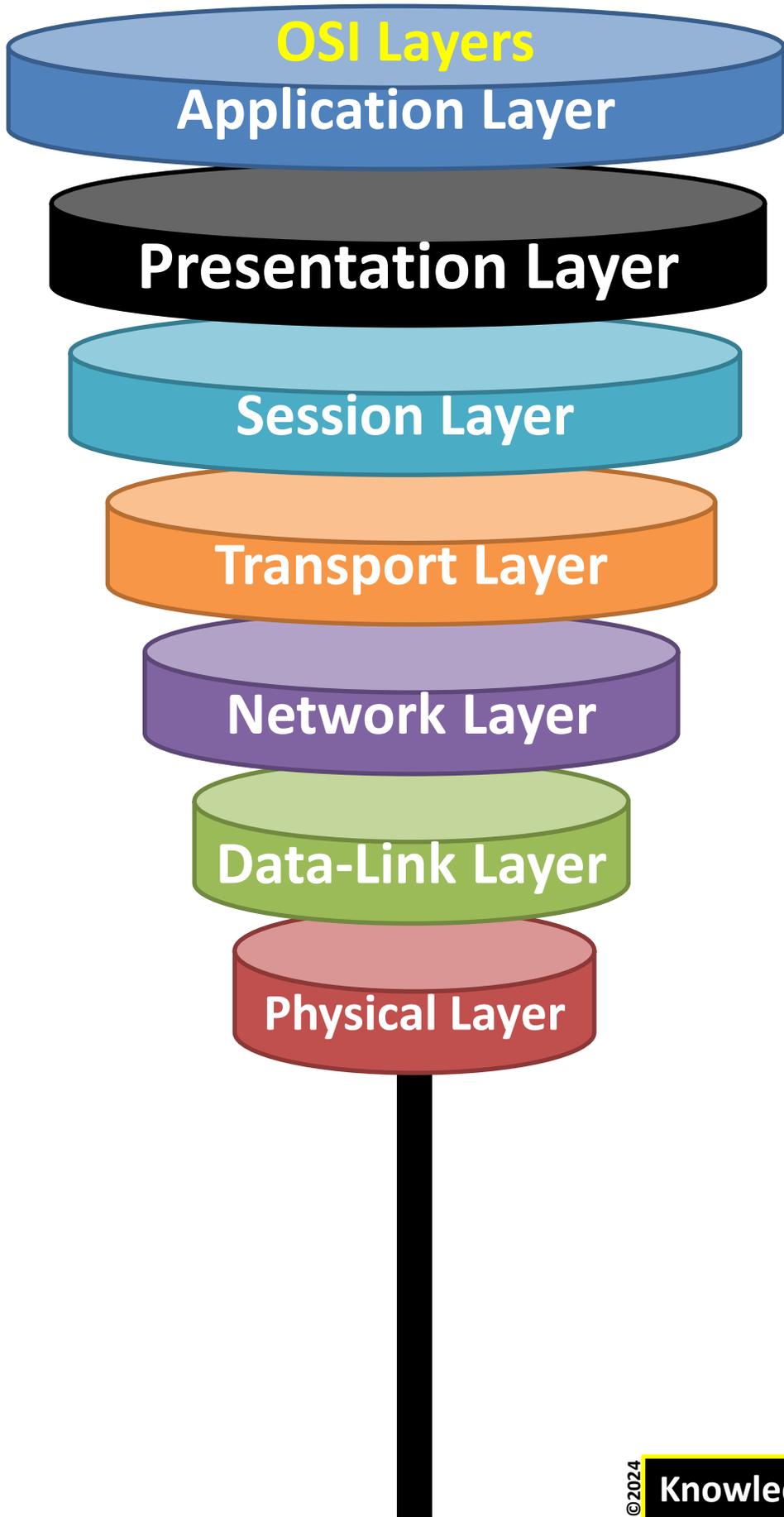
**Data
Science**

**Artificial
Intelligence**

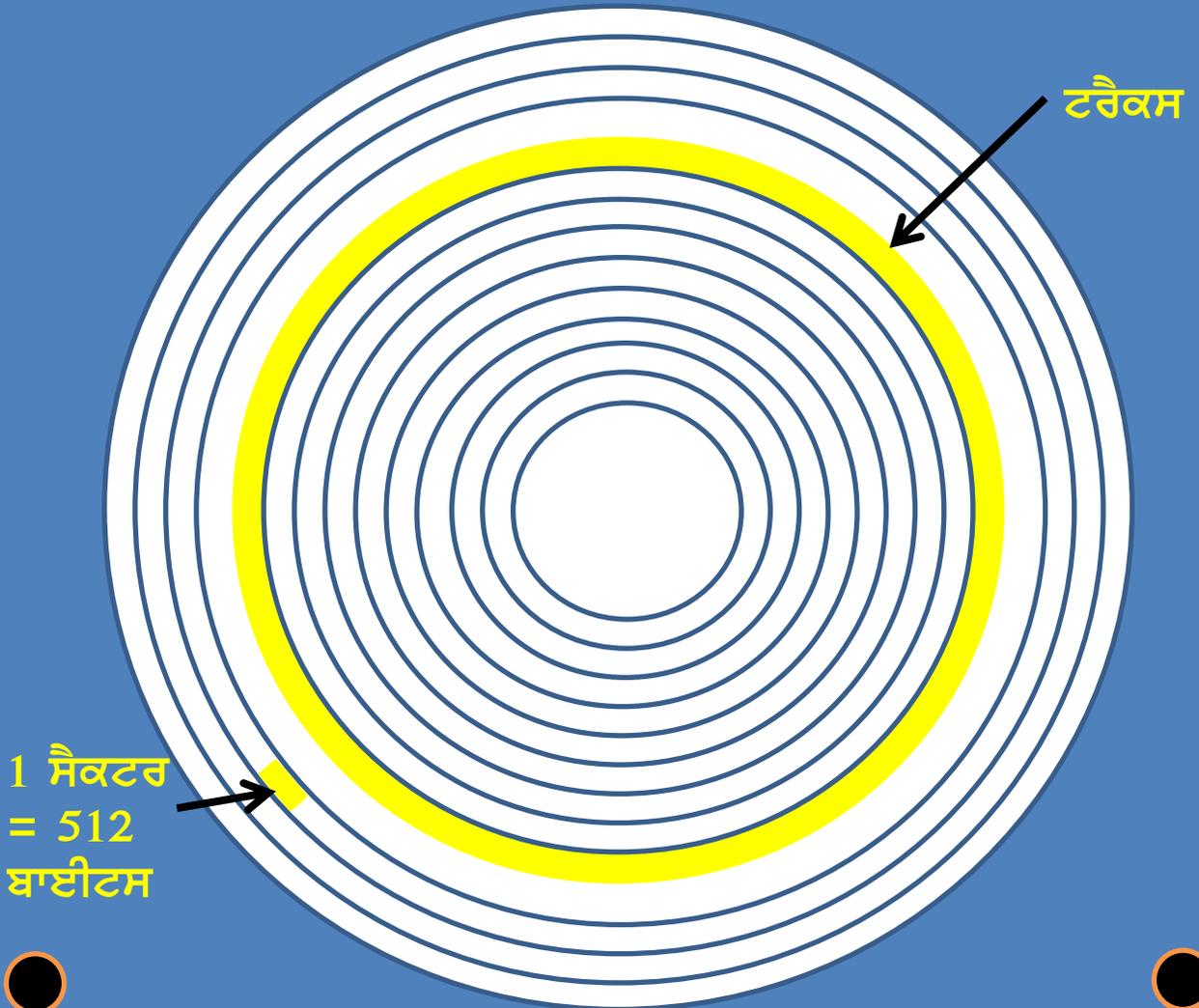
**Machine
learning**

**Deep
Learning**





ਟਰੈਕਸ ਅਤੇ ਸੈਕਟਰ



Information

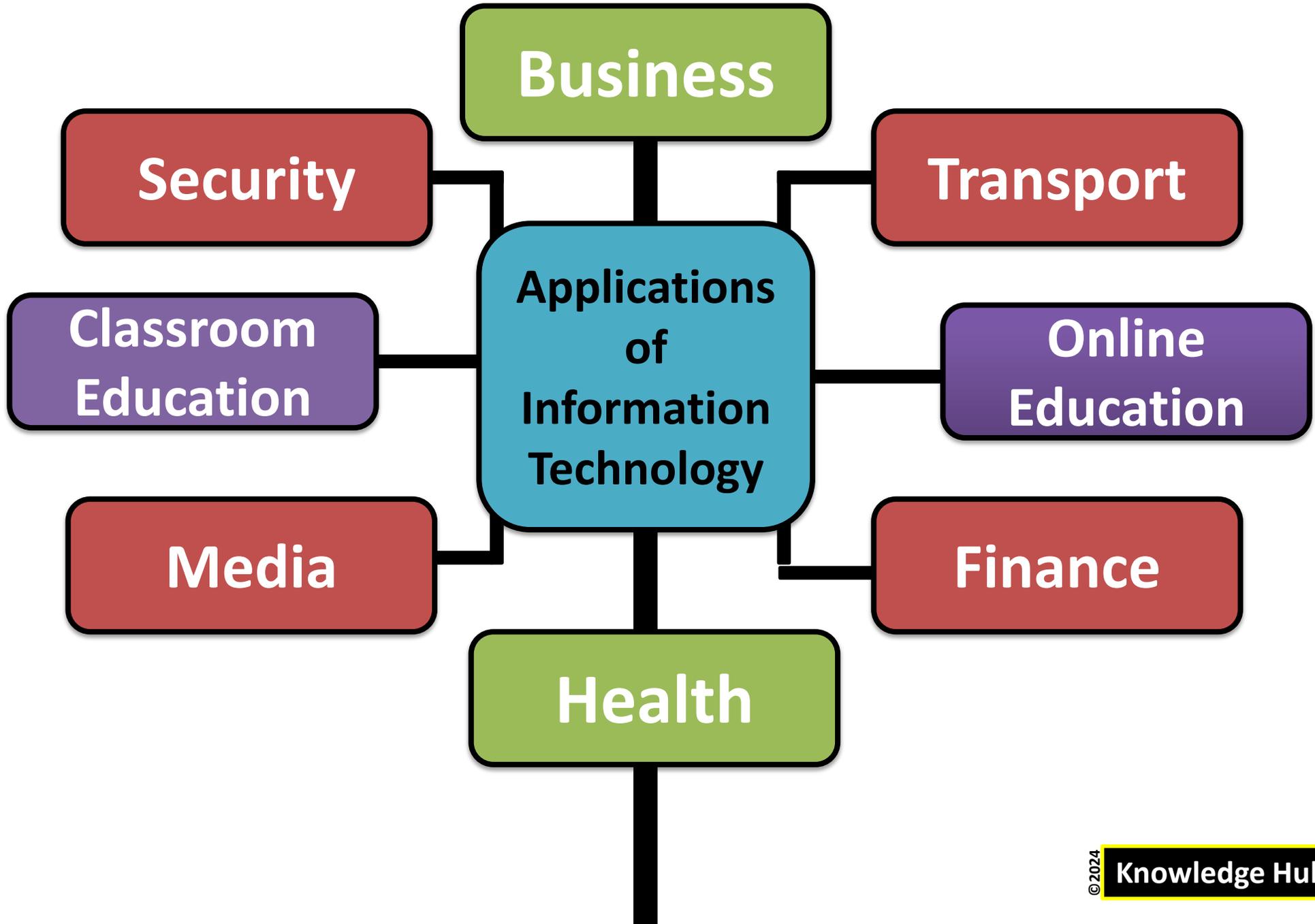
Uses of Internet

**Online
Shopping**

**Uploading
&
Downloading
Data**

E-Mail

**Online
Chatting**



Hardware

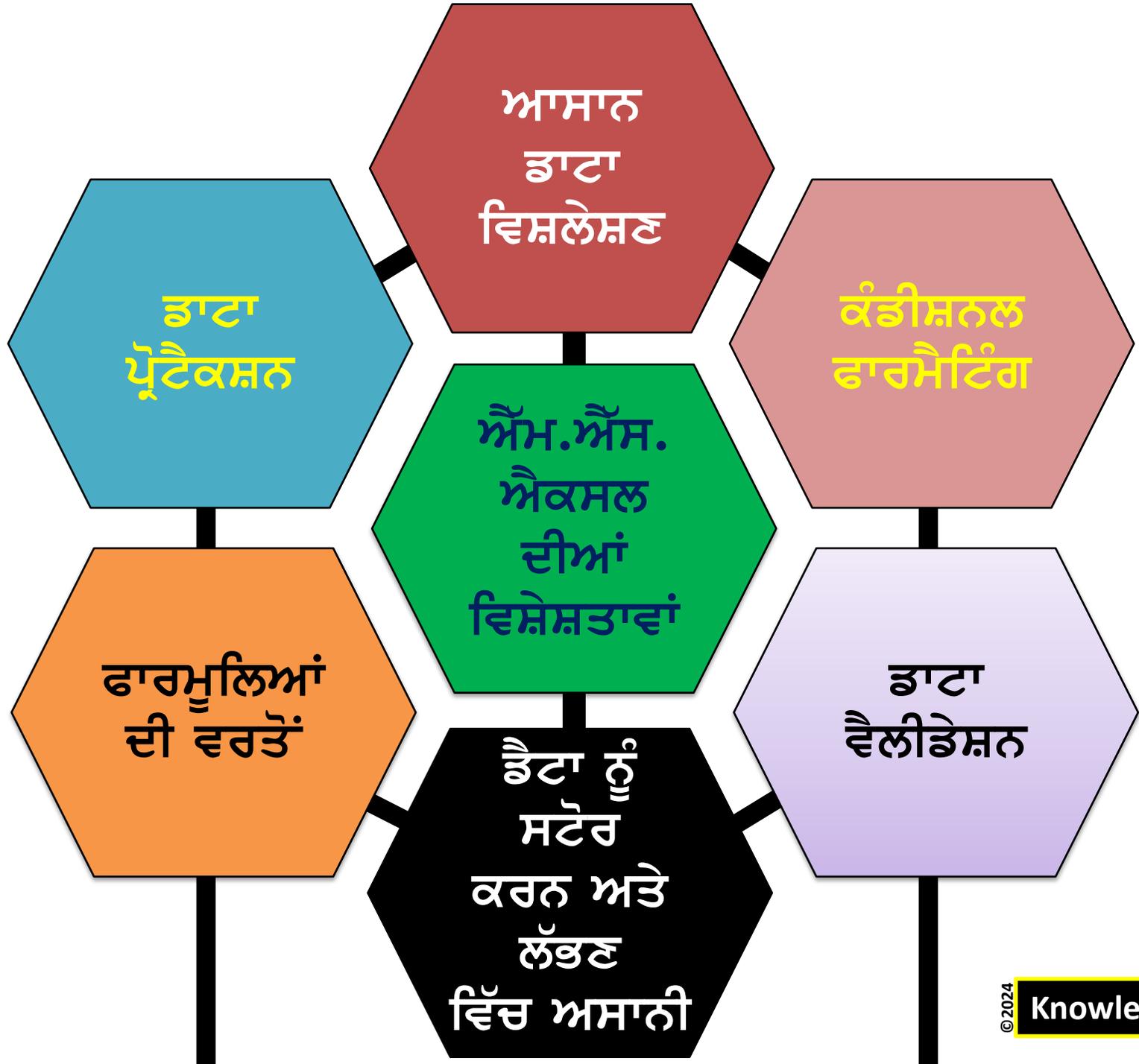
```
graph TD; Hardware[Hardware] --- Input[Input Devices]; Hardware --- Processing[Processing Device]; Hardware --- Output[Output Devices]; Hardware --- Storage[Storage Devices];
```

**Input
Devices**

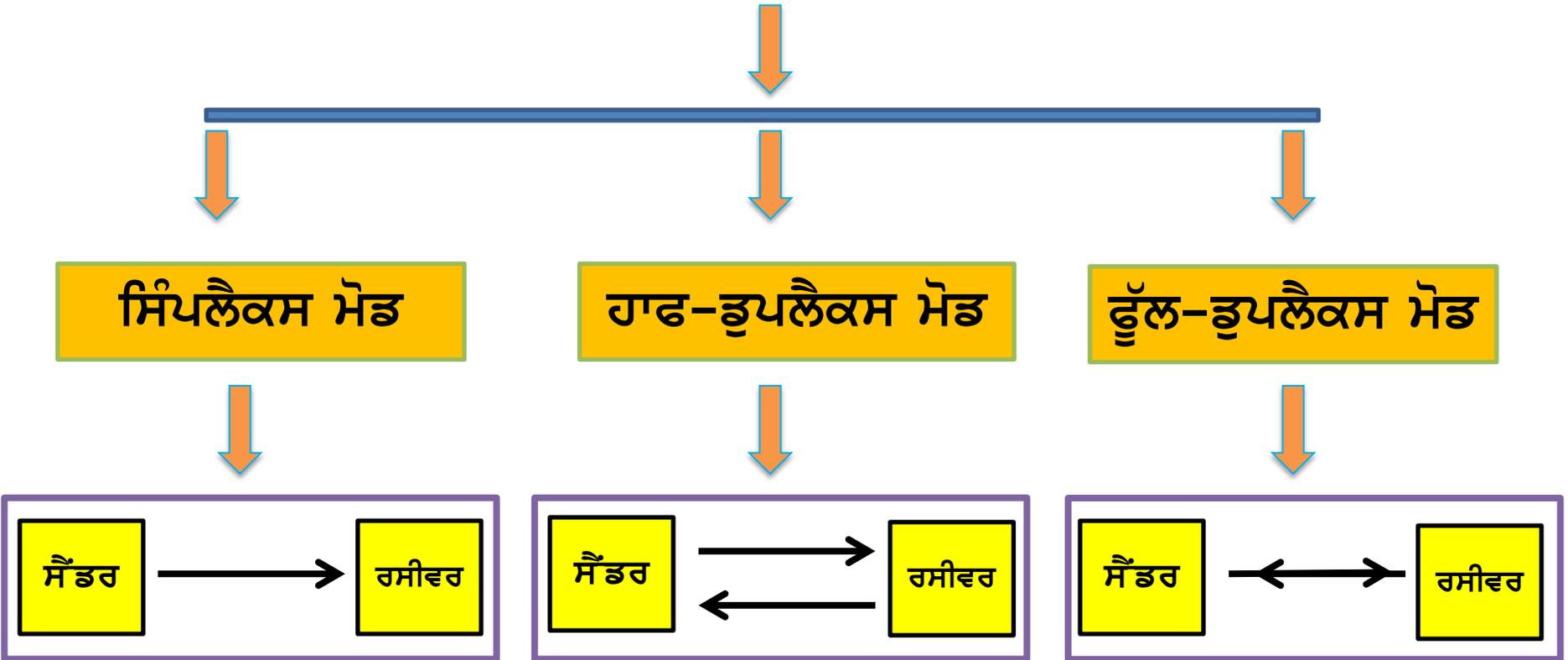
**Processing
Device**

**Output
Devices**

**Storage
Devices**



ਟ੍ਰਾਂਸਮਿਸ਼ਨ ਮੋਡ

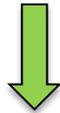


ਇੱਕ ਦਿਸ਼ਾਵੀ ਟਰਾਂਸਮਿਸ਼ਨ

ਦੋ ਦਿਸ਼ਾਵੀ ਟਰਾਂਸਮਿਸ਼ਨ
ਇੱਕ ਸਮੇਂ ਕੇਵਲ ਇੱਕ ਦਿਸ਼ਾ ਵਿੱਚ

ਦੋ ਦਿਸ਼ਾਵੀ ਟਰਾਂਸਮਿਸ਼ਨ
ਦੋਵੇਂ ਦਿਸ਼ਾਵਾਂ ਵਿੱਚ ਇੱਕੋ ਸਮੇਂ

ਨੈਟਵਰਕ ਟੋਪੋਲੋਜੀਜ਼



ਬੱਸ

ਰਿੰਗ

ਸਟਾਰ

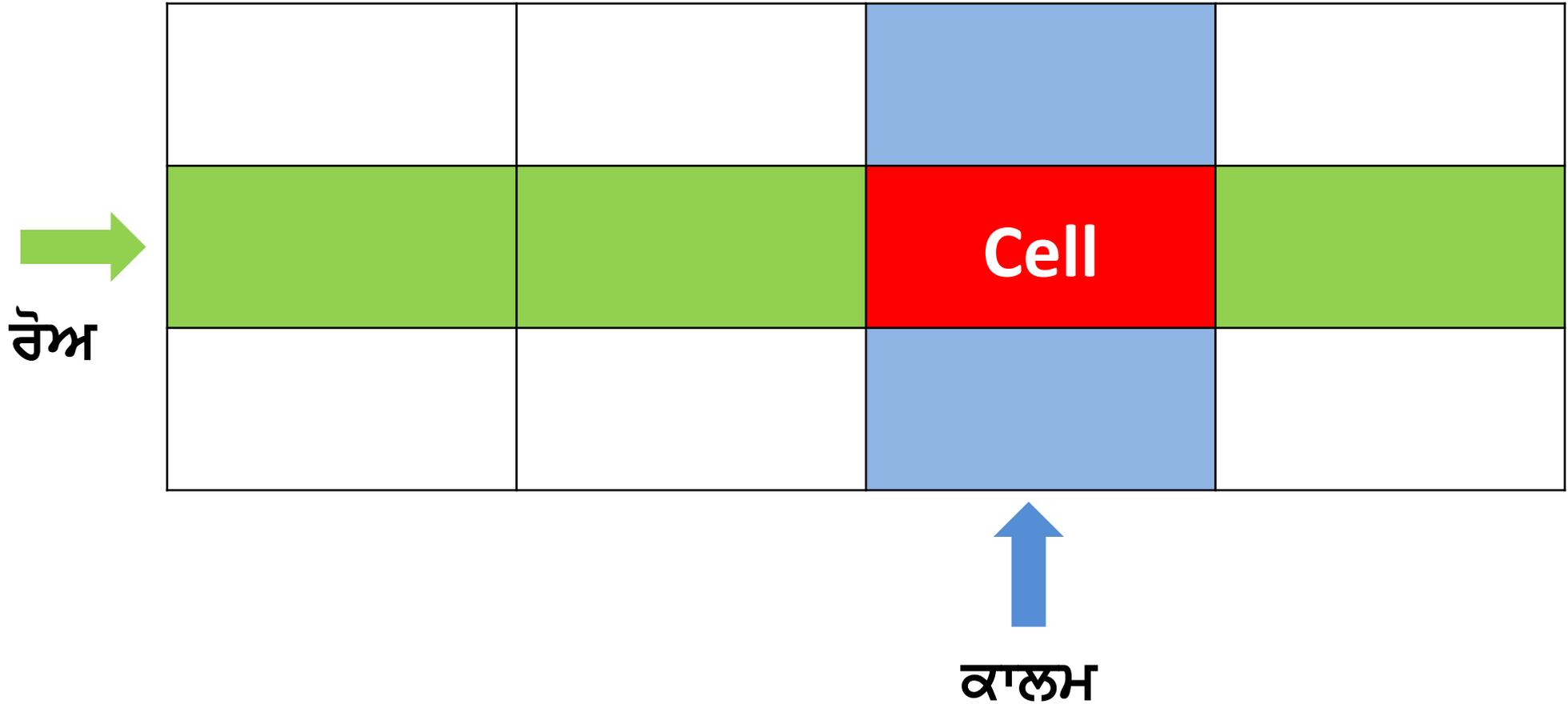
ਮੈਸ਼

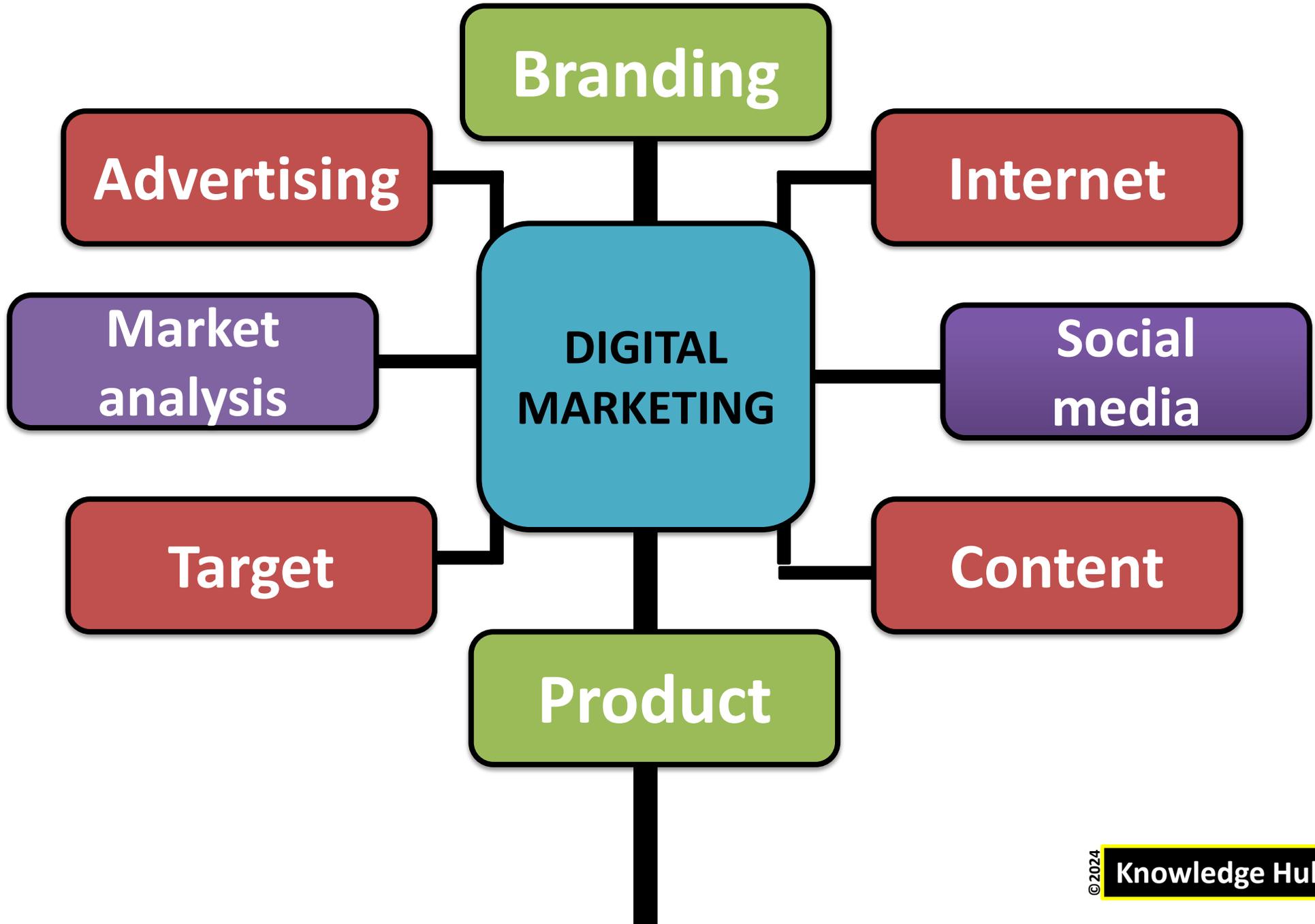
ਟ੍ਰੀ

ਹਾਈਬ੍ਰਿਡ

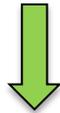


ਟੇਬਲ ਦੀ ਰਚਨਾ





ਆਨਲਾਈਨ ਭੁਗਤਾਨ ਦੇ ਢੰਗ



ਕਰੈਡਿਟ
ਕਾਰਡ

ਡੈਬਿਟ
ਕਾਰਡ

ਈ-
ਵਾਲੈਟ

ਨੈੱਟ
ਬੈਂਕਿੰਗ

ਭੀਮ
ਐਪ

ਮੋਬਾਇਲ
ਬੈਂਕਿੰਗ



ਕੰਟਰੋਲ ਸਟੇਟਮੈਂਟ

```
graph TD; A[ਕੰਟਰੋਲ ਸਟੇਟਮੈਂਟ] --> B[ਬ੍ਰਾਂਚਿੰਗ]; A --> C[ਲੂਪਿੰਗ]; A --> D[ਜੰਪਿੰਗ]; B --> E["if else  
switch case"]; C --> F["for, while,  
Do while"]; D --> G["break, continue  
goto"];
```

ਬ੍ਰਾਂਚਿੰਗ

if else
switch case

ਲੂਪਿੰਗ

for, while,
Do while

ਜੰਪਿੰਗ

break, continue
goto

Types of Office Tools

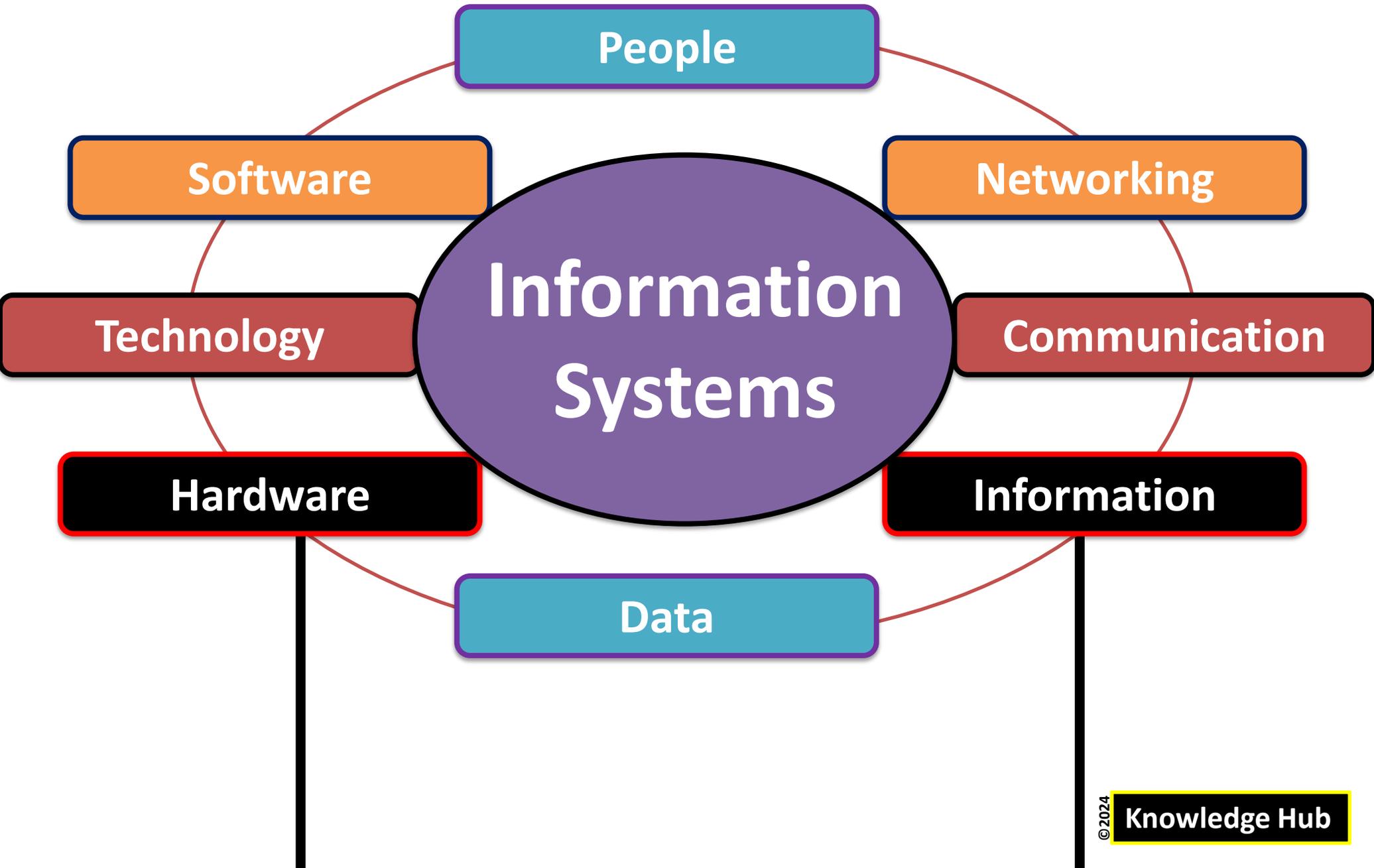
```
graph TD; A[Types of Office Tools] --- B[Word Processor  
(MS Word, WordPad, Word Perfect, Google Docs, Open Office Writer)]; A --- C[Spreadsheet Software  
(MS Excel, Google Sheet, Open Office Calc)]; A --- D[Presentation Software  
(MS PowerPoint, Lotus Freelance, Google Slides, Open Office Impress)]; A --- E[Database System  
(MySQL, PostgreSQL, Oracle, MS Access, Open Office Base)];
```

Word Processor
(MS Word, WordPad, Word Perfect, Google Docs, Open Office Writer)

Spreadsheet Software
(MS Excel, Google Sheet, Open Office Calc)

Presentation Software
(MS PowerPoint, Lotus Freelance, Google Slides, Open Office Impress)

Database System
(MySQL, PostgreSQL, Oracle, MS Access, Open Office Base)



People

Software

Networking

Technology

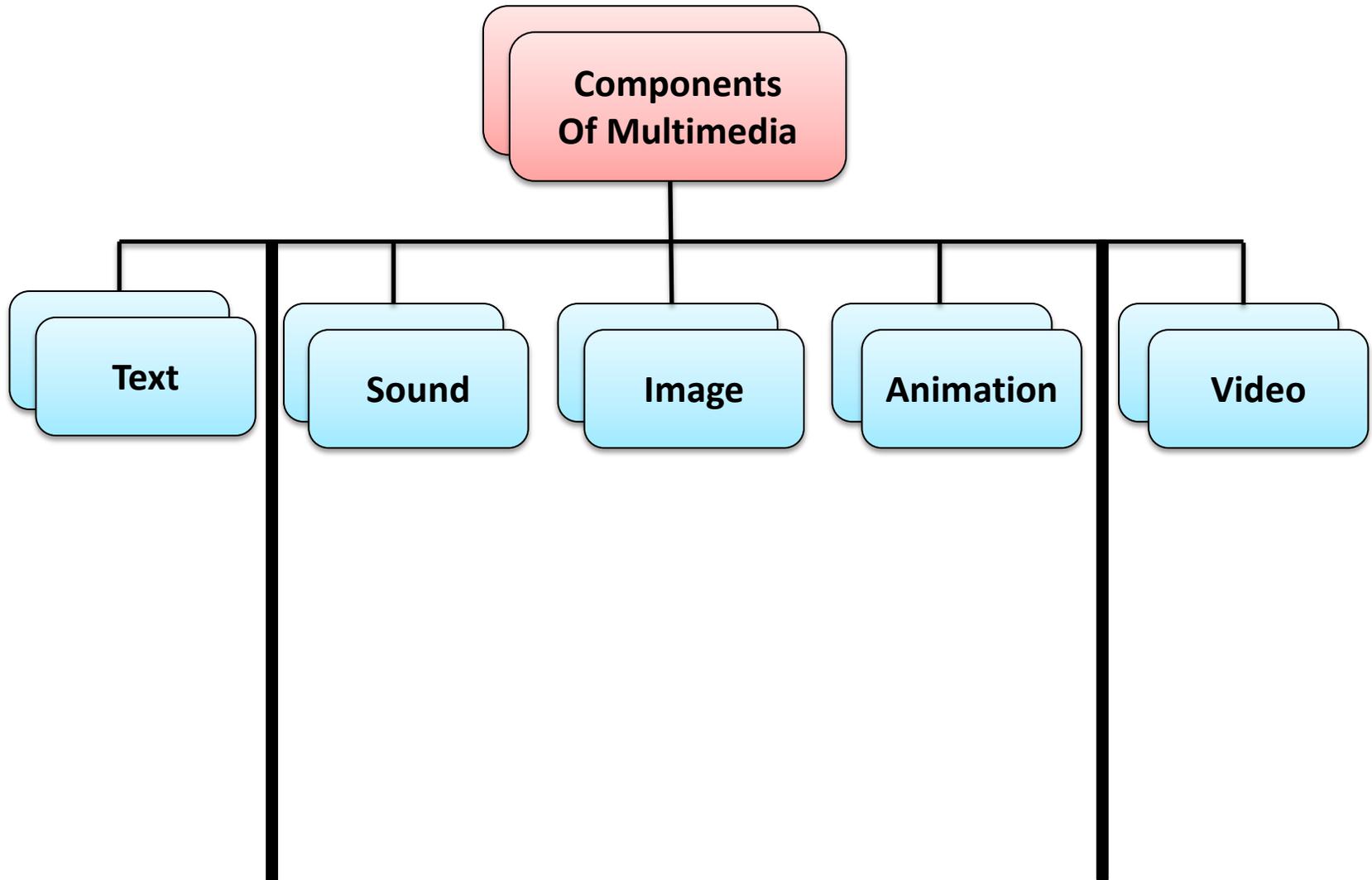
Communication

Hardware

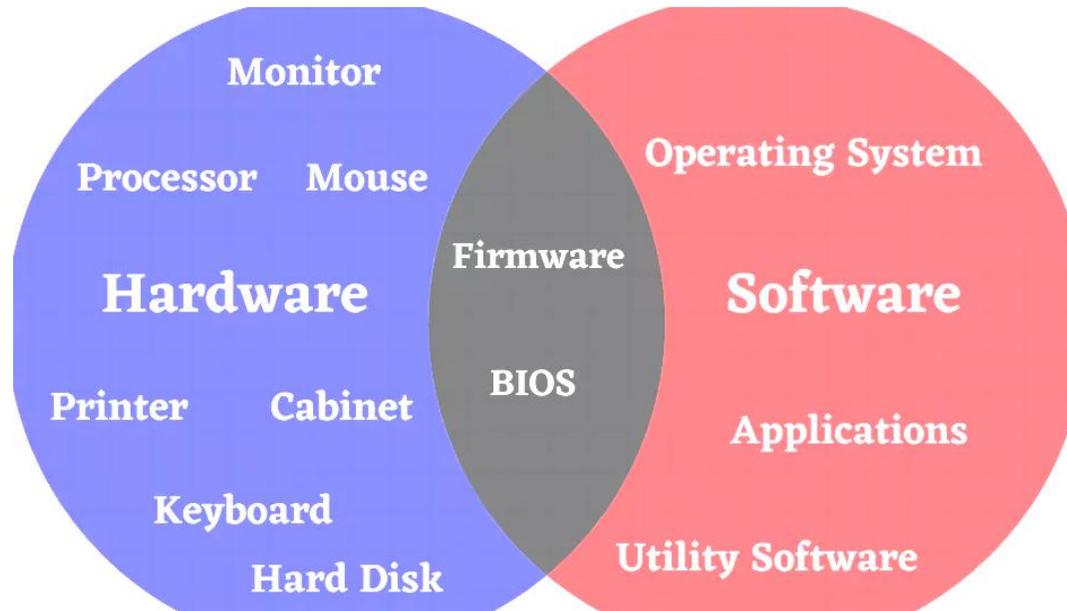
Information

Information
Systems

Data



ਹਾਰਡਵੇਅਰ ਅਤੇ ਸਾਫ਼ਟਵੇਅਰ ਵਿੱਚ ਸਬੰਧ (Relationship Between Hardware and Software)



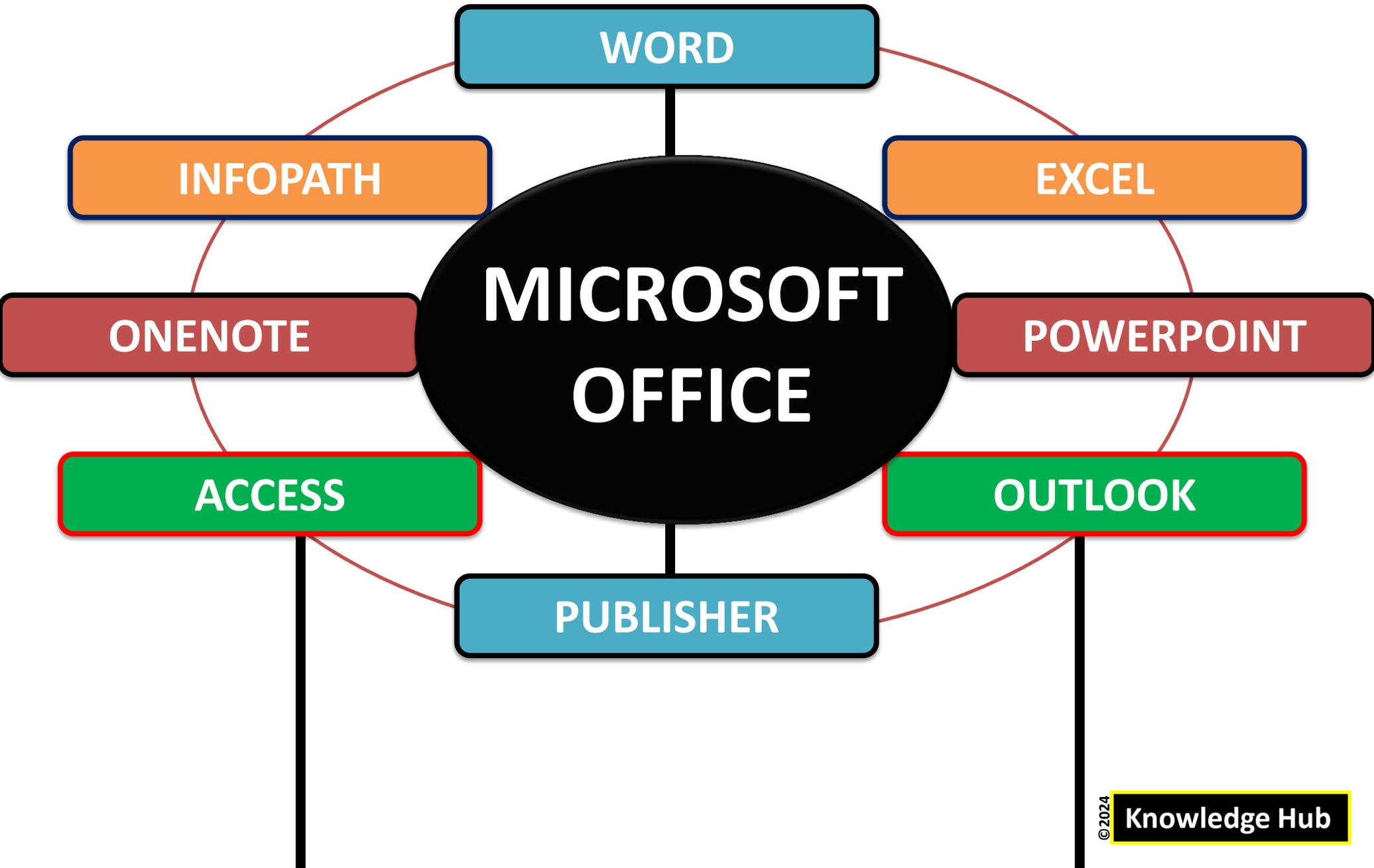
ਹਾਰਡਵੇਅਰ

+

ਸਾਫ਼ਟਵੇਅਰ

=

ਕੰਪਿਊਟਰ



WORD

INFOPATH

EXCEL

ONENOTE

**MICROSOFT
OFFICE**

POWERPOINT

ACCESS

OUTLOOK

PUBLISHER