

The background is a dark blue gradient with faint, light blue geometric patterns. These patterns include several concentric circles of varying sizes, some with dashed lines, and a large circular scale with degree markings ranging from 140 to 260. Arrows and curved lines suggest a sense of motion or rotation.

HOW TO LEARN A NEW TECHNOLOGY

BY

JOHN SYLVESTER

Five Pillars of IT Industry :

Operating Systems

Networking

Database

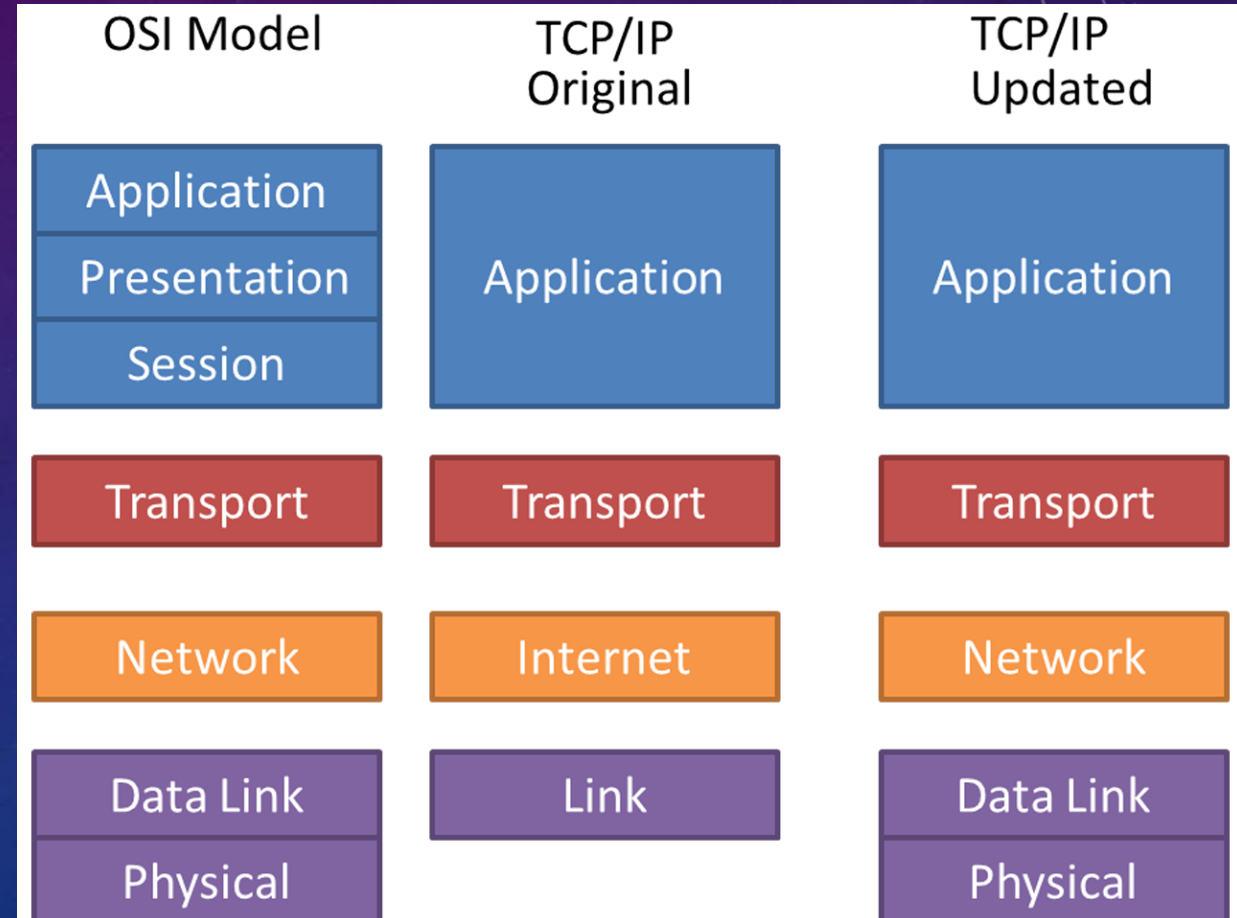
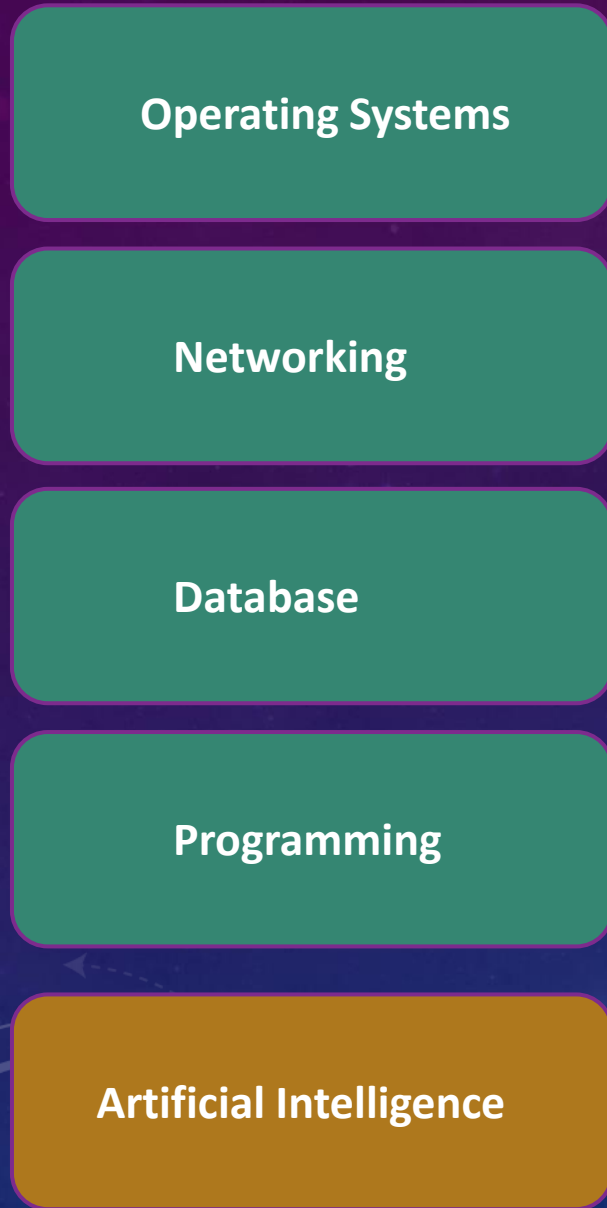
Programming

Artificial Intelligence



Five Pillars of IT Industry Contd ...

Concept of layering followed everywhere



Five Pillars of IT Industry Contd ...

Operating Systems

Networking

Database

Programming

Artificial Intelligence

Cloud = OS
+
Networking
+
Database
+
Programming

AI = Mathematical
Expressions

Five Pillars of IT Industry Contd ...

Operating Systems

Networking

Database

Programming

Artificial Intelligence

Internet Of Things: Data collected by devices (Database)
+
Networking



IoT protocols	OSI model	TCP/IP model
HTTPS, XMPP, CoAP, MQTT, AMQP	7 Application	Application
	6 Presentation	
	5 Session	
UDP, TCP	4 Transport	Transport
IPv6, 6LoWPAN, RPL	3 Network	Internet
IEEE 802.15.4 Wifi (802.11 a/b/g/n) Ethernet (802.3) GSM, CDMA, LTE	2 Data link	Network access & physical
	1 Physical	

Five Pillars of IT Industry Contd ...

Operating Systems



OS : Windows , Linux, Mac ,

Android, iOS

Networking

Database

Programming

Artificial Intelligence

Learning Technique :

https://www.youtube.com/watch?v=ZVO8Wt_PCgE&list=WL&index=98&t=589s

20 %

80 %

Output

Input

Reflect

Implement

Share



**Thank
You!!!**