

**THE BLOCKCHAIN SCHOOL**

# **COURSE 1**

## **MODULE 2**



# WHAT IS BLOCKCHAIN?

Blockchain technology or distributed ledger technology is a technological protocol that enables data to be exchanged directly between different contracting parties within a network without the need for intermediaries.

A small icon in the top right corner consisting of two white circles connected by a thin white line.

# BLOCKCHAIN AS A DATABASE

Data is saved in pseudo structure

Consists of data and hashcode

Blocks linked using hash-codes





# WHAT IS AN ASSET?

“an item of property owned by a person or company, which holds a certain value in financial or barter aspect and is available to meet debts, commitments, or legacies through means of one way ownership transfer or an exchange for another asset from the subjected parties”



# TYPES OF ASSET

## **Current Asset**

value can be consumed  
within a short period of  
time

## **Non-current Asset**

value can be consumed  
within time window



# TYPES OF NON-CURRENT ASSET

## **Tangible Assets**

Mainly includes physical assets

## **Intangible Assets**

Mainly includes non-physical assets

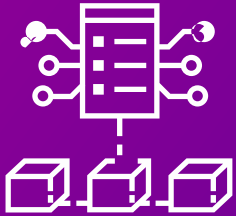
# WHAT IS LEDGER?

Ledger is a record keeping methodology.

Helps in decision making

Maintains detailed data hence is important in implementation cycle





# WHAT IS SMART CONTRACT?

Code segment that contains protocols

When all the requirements of the contract are met the contract is automatically triggered

responsible for defining the guidelines for asset transfer