# PROJECT - 1

# DATA ANALYTICS - PROCESS

**Case Study Domain : Education**

**Problem Statement : Formation of Syllabus and Class Schedules using Data Analytics Process**

# Formation of Syllabus and Class Schedules using Data Analytics Process



## Step : 1 : Plan (Ask)

Define the problem by effectively asking

questions and collaboration

## Case Study Implementation

Decide the subject and the standard for whom

the syllabus and classes has to be scheduled.

(Eg. Computer Science - Class 9)

# Formation of Syllabus and Class Schedules using Data Analytics Process
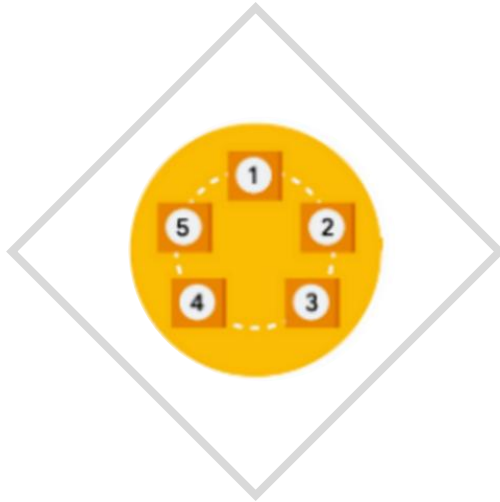


## Step : 2 : Prepare

Prepare data by collecting and storing information based on previous step

## Case Study Implementation

Check for how many hours per week the subject is scheduled for the particular class. Calculate the theory and practical hours for the subject.

# Formation of Syllabus and Class Schedules using Data Analytics Process

## Step : 3 : Process

Process the data based on the outcome

## Case Study Implementation

Check the outcome of the subject for the particular class. (Eg. Computer Science - What sub-domain to be chosen ?  MS-Office / Python /Web Development / Data Science/ etc.,?)

# Formation of Syllabus and Class Schedules using Data Analytics Process
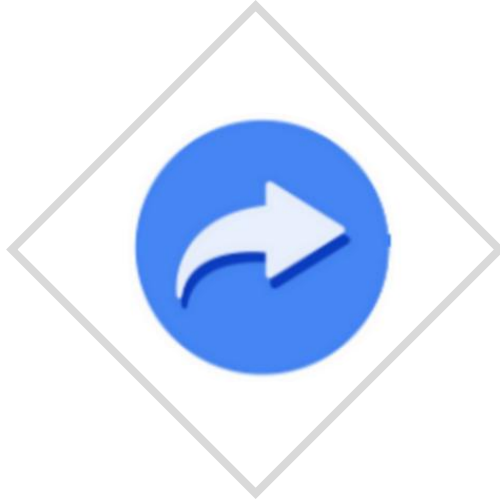


## Step : 4 : Analyse

Process the data to find patterns and

relationships based on outcome.

## Case Study Implementation

Check the formed syllabus and schedules to

map them based on the recent technology.

Form relationship between topics to order them

accordingly for the teaching flow.

# Formation of Syllabus and Class Schedules using Data Analytics Process



## Step : 5 : Share

Share the resuults and have productive

team conversations

## Case Study Implementation

Communicate the draft syllabus and schedule,

to the management and Head of Departments'

for approval and get their suggestions.

# Formation of Syllabus and Class Schedules using Data Analytics Process



## Step : 6 : Act

Decide the best implementation strategy

and plan how to take actions

## Case Study Implementation

Finally once everything is completed, publish

the same to the students. Revise the same on

any kind of updations

**Formation of Syllabus and Class**

**Schedules using Data Analytics Process**

Submitted By

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