

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

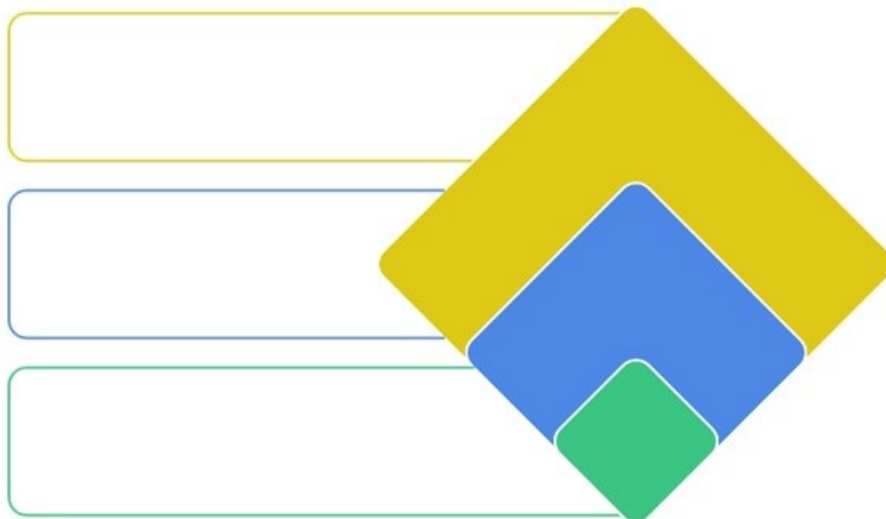
Course Code & Name : 23ADO201 - DATA SCIENCE FUNDAMENTALS

Course Faculty : Mr.K.Karthikeyan

## Puzzles / In Class Activities

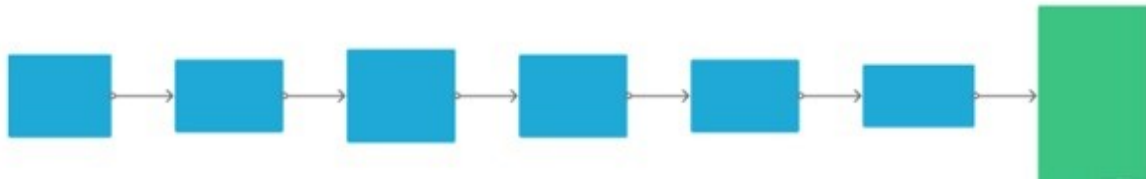
Topics Covered: Unit V PREDICTIVE ANALYTICS

### PUZZLE 1: STEP TO REGRESSION ANALYSIS TECHNIQUES



ANSWER: \_\_\_\_\_

**PUZZLE 2 : Steps to find the line of Best Fit by using the Least Squares Method**



ANSWER : \_\_\_\_\_

**PUZZLE 3 MCQ**

**A) Weighted resampling refers to:**

- A) Selecting samples randomly with equal probability
- B) Selecting samples based on assigned weights
- C) Removing duplicate samples
- D) Sorting the dataset

**Answer:** \_\_\_\_\_

**B) In weighted resampling, weights represent:**

- A) Size of dataset
- B) Importance or probability of selecting each sample
- C) Number of variables
- D) Mean of data

**Answer:** \_\_\_\_\_

**PUZZLE 4**



ANSWER : \_\_\_\_\_

