

# **EXPERIMENT-11**

## **AIM:**

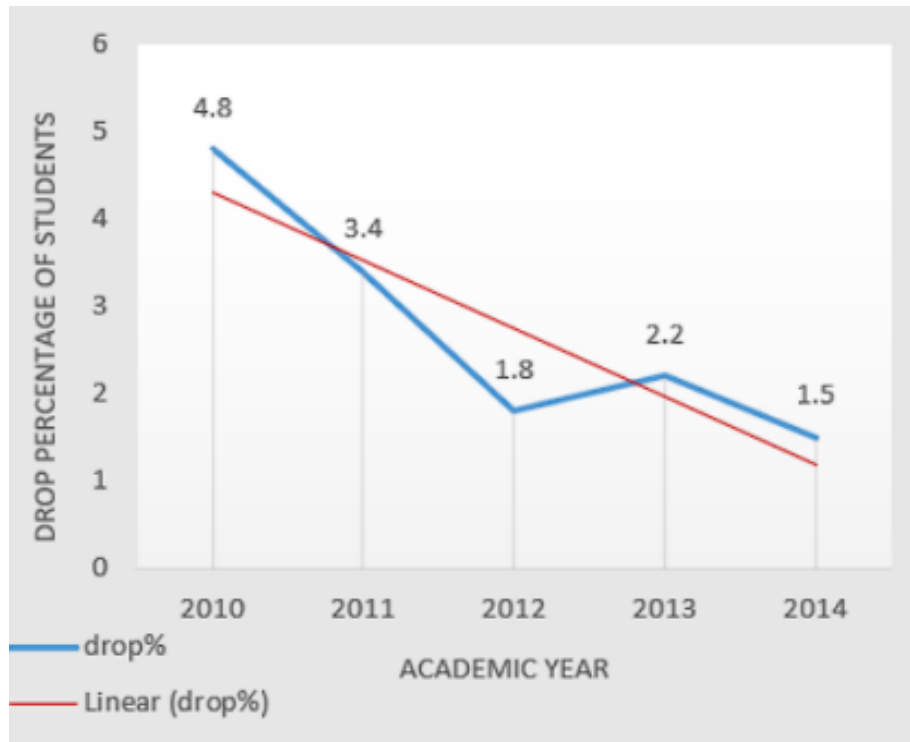
To create a compelling data story that explores the impact of Mid Day Meal Scheme (MDMS) launched in 1995.

## **PROCEDURE:**

**Step 1:** Prepare this data sheet in MS-Excel.

<b>Year</b>	<b>Enrolled</b>	<b>No_of_Dropout</b>	<b>Dropout_percentage</b>
2010	3720068	178490	4.8
2011	3753087	128185	3.4
2012	3728540	68860	1.8
2013	3531426	76204	2.2
2014	3403395	50373	1.5

**Step 2:** Visualize the data using Line chart as follows in Ms-Excel.



**Step 3:** Narrative:

Drop in percentage of students – a threat

# **EXPERIMENT 12**

## **AIM:**

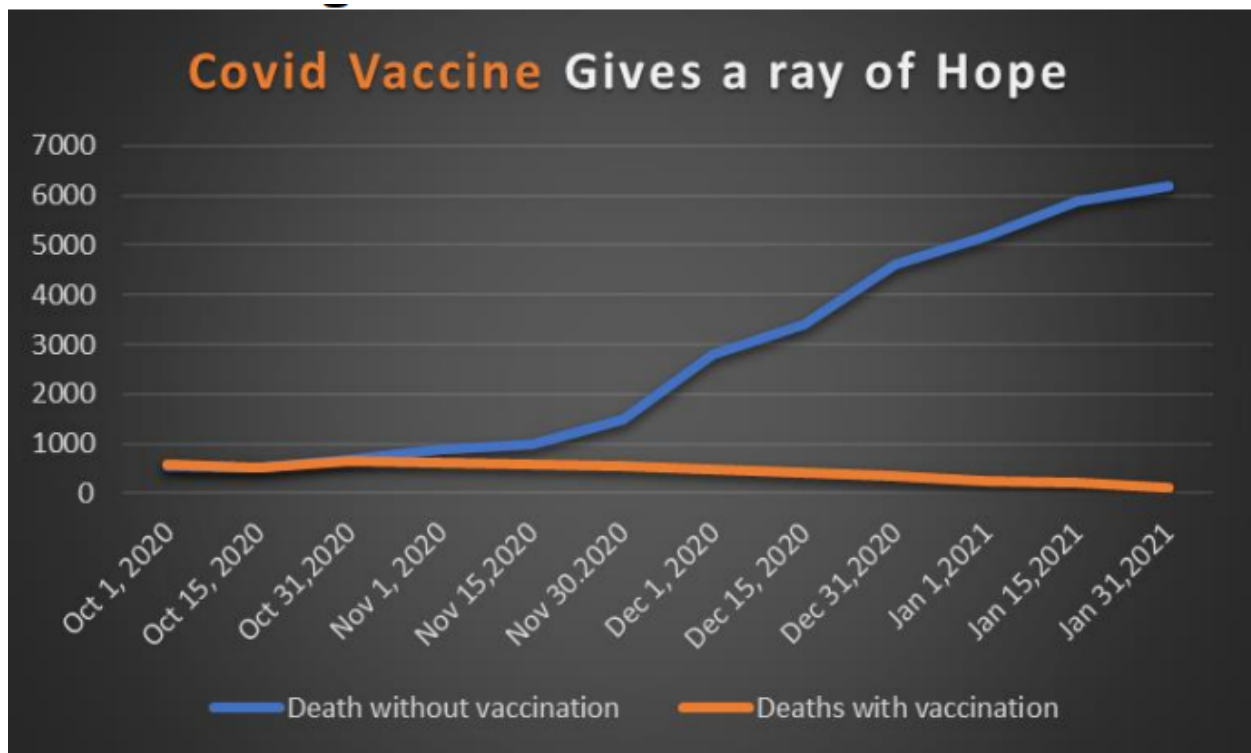
To create a compelling data story that explores the impact of COVID vaccine.

## **PROCEDURE:**

**Step 1:** Prepare this data sheet in MS-Excel.

Months and Year	Death without vaccination	Deaths with vaccination
Oct 1, 2020	560	565
Oct 15, 2020	500	502
Oct 31,2020	670	650
Nov 1, 2020	890	600
Nov 15,2020	1000	580
Nov 30.2020	1500	550
Dec 1, 2020	2800	485
Dec 15, 2020	3400	400
Dec 31,2020	4600	350
Jan 1,2021	5200	250
Jan 15,2021	5900	200
Jan 31,2021	6200	120

**Step 2:** Visualize the data using Line chart as follows in Ms-Excel.



### Step 3: Narrative:

Covid Vaccine- Gives a ray of Hope

## INDEX

<b>E.No</b>	<b>TOPIC</b>	<b>Pg.No</b>
1	Creation of a series from scalar values using pandas	4
2	Creation of data frame from numpy arrays	6
3	Creation of a data frame of given structure	8
4	Importing and exporting a data frame to a csv file	10
5	Displaying and checking the missing data in a data frame	12
6	Data visualization using orange data mining tool	14
7	Data Classification using orange data mining tool	16
8	Evaluating the classification model using orange data mining tool	18
9	Image analytics using orange data mining tool	20
10	Visualizing word frequencies with word cloud	23
11	Creation of a compelling data story that explores the impact of Mid Day Meal Scheme (MDMS) launched in 1995.	25
12	Creation of a compelling data story that explores the impact of COVID vaccine.	27