	Experiment No. : Date: 12/11/24 Page No.: 1
	Name of the Experiment: Gantt - Timeline chart.
1	
1.	Generating and Interactive Gantt-Timeline chart by sedefining to the new data graph.
	the of stating to the him have graph.
=>	Cibrary (plotrix)
	(ibrary (plotrix) library (lubridate) tarks <- list (
	tasks <- list (
	tanker <- list (labels = c ("research proposal" "literature survey", "data collection"); starts = Ymd ("2023-01-12", "2023-02-12" "2023-02-26");
	starts = 4md ("2023-01-12" 2023-02-12"
	"2023-02-26"),
	ends = 4md ("2023-02-12", "2023-04-12", 2023-05-01),
	priorifier. = c(1,2,3)
	rapid por <- yind ("2023-01-12", "2023-02-12",
	rgrid por <- ynd ("2023-01-12", "2023-02-12", "2023-02-26")
	vgrid (ab <- c ("Jan", "Feb", "Mar")
	gantt. chart (taska - variotopa = varid Das variollab =
	gantt. chart (taska, vagrictors = vagrid por, vagriclab = vagrid lab, main = "My gantt chart")
	task colors = c ("red", "pint", "blue"), boscler. col = black;

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Experiment No. : 02 Date: 12/11/24 Page No.: 2 Name of the Experiment : 3D Scaffer plot.		
2,	Constant a 3D exatterplot isis data set	
=>	Libsory (scatterplot 3d)	
	data (idis)	
	head (ivis)	
	colosp <- c("#999999", "#E69F00", "#\$56B4E9")	
	colors <- colors [as. numeric (itis \$ species)]	
	11-11-11-11-1	
	pratterplot 3d (ixis [1:3], gch = 16, color = colors, goid = TRUE, box = TRUE)	
	gra-TRUE, box -TRUE)	

	Experiment No. : Date: 19/11/2024 Page No.: 03
	Name of the Experiment: 3D his legitories
	. 0
3.	Project the 3D histograms with the z-variable as well as while generating the data for the excend y-values. x = y = seq (-4, 4, by = 0.5
	as well as while generating the data for the
	excend y-values.
	x = y = 8eq. (-4, 4, by = 0.5)
	library (plot 3D) x = seq (-1,1, by = 0.5) y = seq (-1,1, by = 0.5)
	x = seq(-1, 1, by = 0.5)
	Y = seq (-1, 1, by = 0.5)
	Z val = c(20.8, 22.3, 22.7, 11.1, 20.1, 2.2,
	6.7,14.1,6.6,24.7,15.7,15.1,9.9,
	9.3, 14,7, 8.0, 14.3,5.1, 5 .5, 19.7 21.9, 11.2, 11.6, 3.9, 14.8)
	2(1,7,11,2,11,6),3,9, (4.8)
	Z = matrix (zval, now=5, ncol=5, by sow = TRUE)
	hist 30 (x, y, z,
	Zlim= c(0,25),
	the fa = 40,
	phi = 40,
	ases = TRUE,
	label = TRUE,
	nticks = 5,
	ticktype = "detailed",
	space = 0.5,
8	Lighting = TRUE,
10/1	light = "diffuse", vhode = 0.5)
	vohode = 0.5)

	Experiment No. :
	Name of the Experiment: Hexbin Lot
04.	Creating a Hexbin plot by generating a take data set and generating thousand normally distributed random numbers,
	library (hexbin) set. seed (355) x = snorm (1000)
	y = shorm (1000) bing = hexbin (x, y) plot = (bing) plot (bing, border = TRUE)
	plot (bins, boscler = "sed") smb = smooth heabin (bing) plot (smb)

	Experiment No. :
05.	Considering the inogral speachess given by Traident obama and formal president george
	Push two clouds provide us with a
	greeat contract on how these individuals.
	persue the nation & its citizen generate a comparison cloud to clininate the stack
	a compasison cloud to clininate the stack
	words and project the document matters.
	install. Packages (c("wordcloud", "RColor Brewer"))
	library (word cloud)
	Library (RColor Brewer)
	Pal <- brewer, pal (20, "RdGy") word cloud (words = ("inequality", "law", "policy";
	"unemploy", "job", "economy", "demo cracy",
	"sepublicans", "challange", "congress", "ancesica",
	fra = c (26, 9, 24, 2, 7, 30, 26, 1, 4, 3, 9, 57, 9).
	frig = c (26, 9, 24, 2, 7, 30, 26, 1, 4, 3, 9, 57, 9), nin freq \(\vec{\xi} = 2, \)
	$\mathcal{A} = \mathcal{D}_{\mathcal{A}}$
	sandom, order = FALSE).
/	
p	
	$\sqrt{\sqrt{2u}}$
7	