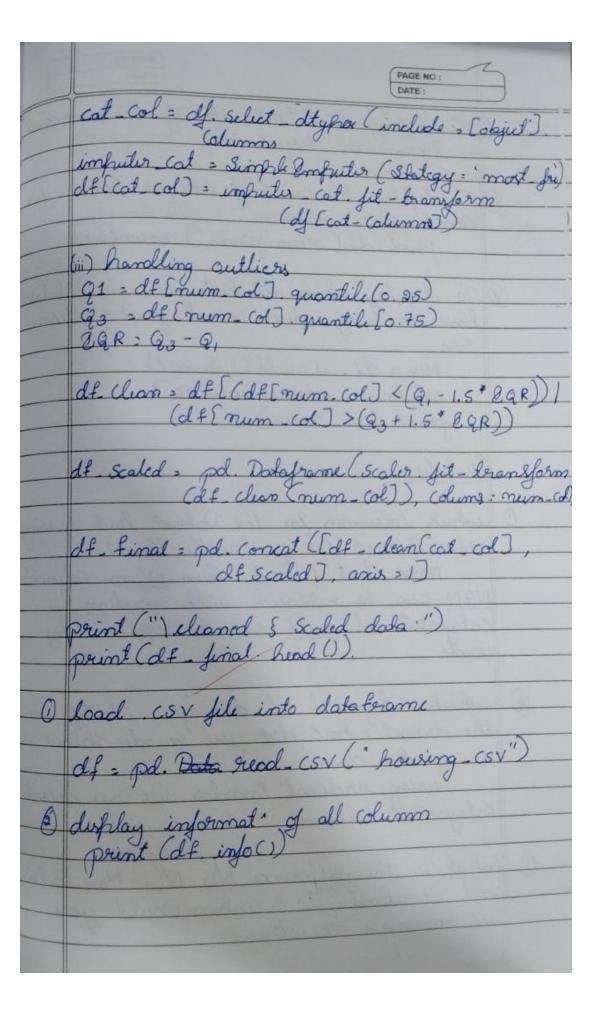
Lab -1
Data Processing

1	PAGE NO: DATE: 5/3/25
	Demonstrate various data pou-proving tuchnique for a given dataset
	import pandar as pd import mumpy as mp import matphotlib. pyhlot plt import Siaborn as sons
2333	of god. read. (sv ('Diabetis. csv') print (df. head())
	from Sklearn prefracting import Nin Max Scalar, Standard Scalar Label Encode From Sklearn pre impute import Simple Empules
	print (" Mixing') print (df. irnull. Sumi())
	num-Column: df. select dtyfu (include
	imfuler: Simple Emfuler (Strategy: music) df [mum. (olumn): imfute fit bransform (df [mum.)



To diplay Statistical info of all numerical print (If, describe ()) (V) To display the count of unique tabels for "Ocean prioxi" column print (df ["accom prosi"]. (ount ()) 10 To duplay which attributer (col) in a datord have mining values count greater than Mis = of is null (). Sum () col_mins = mins & mins >0 print (col miss) Diabelis O which column In the Datast had musing values? how did you handle them? NAN can be suplaced with median &. Categorial col mull can be replaced by (a) which categorial col did you identify in the dataset? how did you encode them? using ordinal Encoder we can categorical Column. low-0, mediumand Standardizat: 2 when would you use one over the other?

