



34-H

Semester: August 2022 – December 2022		
Maximum Marks: 30	Examination: In-Semester Examination	Duration: 1 hr. 15 min
Programme code: 116H01 Programme: B. Tech. Computer Engineering Honors in Data Analytics	Class: FY/SY/TY/LY /MTECH	Semester: I/II/III/IV/V/VI/VII/VIII (SVU 2020)
Name of the Constituent College: K. J. Somaiya College of Engineering	Name of the department: COMP/ETRX/EXTC/IT/MECH	
Course Code: 116HC301	Name of the Course: Data Visualization	

Question No.		Max. Marks	CO Mapped	BT Level
Q1	<p>Use the data set in the link</p> <p>Data Cleaning:</p> <ul style="list-style-type: none">• Deleting redundant columns• Renaming the columns.• Dropping duplicates.• Cleaning individual columns.• Remove the NaN values from the dataset <p>You are required to prepare presentation for the top management. The objective of this visualization is to present information about</p> <ul style="list-style-type: none">• experience of people working with different various educational background.• relationship between age, overtime and marital status• Job satisfaction per role <p>Justify the type of plot you have used in the above illustration.</p>	10	CO 1	EV
Q2	<p>Solve any ONE</p> <p>a) Design principles for categorical data</p> <p>b) Various techniques used to collect primary data</p>	10	CO2	UN