

WE CAN CHOOSE THE RIGHT TYPE OF VISUALIZATION TO USE ACCORDING TO



- 1 NUMBER OF VARIABLES
- 2 PURPOSE

NUMBER OF VARIABLES

SINGLE VARIABLE 01

TYPE	SHAPE	EXAMPLE												
CARD		A COMPANY'S REVENUE IN THE LAST YEAR												
GAUGE CHART		EMPLOYEES' PERFORMANCE SCALE												
TABLE CHART	<table border="1"> <thead> <tr> <th>Role</th> <th>Age</th> <th>Dep</th> </tr> </thead> <tbody> <tr> <td>Lead</td> <td>32</td> <td>Sales</td> </tr> <tr> <td>Vice</td> <td>40</td> <td>Board</td> </tr> <tr> <td>PR</td> <td>28</td> <td>Sales</td> </tr> </tbody> </table>	Role	Age	Dep	Lead	32	Sales	Vice	40	Board	PR	28	Sales	STUDENTS' GRADES EMPLOYEES PROFILES
Role	Age	Dep												
Lead	32	Sales												
Vice	40	Board												
PR	28	Sales												
DENSITY PLOT		DISTRIBUTION OF BLOOD PRESSURE												
BOX PLOT		EXAM SCORES CITY'S POPULATION												
HISTOGRAM		DISTRIBUTION OF HEIGHT DISTRIBUTION OF AGE												

TWO OR MORE VARIABLE 02

TYPE	SHAPE	EXAMPLE
SCATTER PLOT		CORRELATION BETWEEN WEIGHT AND HEIGHT
BAR CHART		YEARLY REVENUE OF CAR BRANDS
STACKED BAR CHART		YEARLY REVENUE OF CAR BRANDS BY CONTINENT
LINE CHART		YEARLY REVENUE OF CAR BRANDS BY CONTINENT
MULTI-LINE CHART		NUMBER OF CARS SOLD BY FERRARI VS BMW OVER TIME
RADAR CHART		BUDGET OF DIFFERENT DEPARTMENTS
BUBBLE CHART		EPIDEMICS DEATHS THROUGHOUT HISTORY
PIE CHART		SALES OF DIFFERENT CAMERA BRANDS SALES OF DIFFERENT SPORTS BOOKS
DONUT PIE CHART (SAME AS A PIE CHART)		MONTHLY SALES BY COMPANY ENERGY SOURCES BY USAGE
AREA CHART		OIL PRICES OVER TIME
STACKED AREA CHART		OIL PRICES OVER TIME BY COUNTRY
HEAT MAP		MONTHLY RAINFALL ACROSS THE YEAR
TREE MAP		DIFFERENT COLLEGE MAJORS BY THE NUMBER OF STUDENTS



PURPOSE

DATA DISTRIBUTION 01

BOX PLOT		HISTOGRAM		DENSITY PLOT	
SCATTER PLOT		BUBBLE CHART		HEAT MAP	

COMPARING BETWEEN VARIABLES 02

BAR CHART		STACKED BAR CHART		PIE CHART	
DONUT PIE CHART		LINE CHART		MULTI-LINE CHART	
RADAR CHART					

VISUALIZING RELATIONSHIPS 03

SCATTER PLOT		BAR CHART		STACKED BAR CHART	
BUBBLE CHART		WORDCLOUD		BOX PLOT	