Page No. Date
STATS!
RAP
DATA -> INFORMATION -> KNOWLEDGE -> WISDOM
DESCRIPTIVE
Stationes
Commence of Bright of Bright of Bright of
FREQUENCY DISTRIBUTION:
RAW DATA LASSES & FREQUENCY
418 roGRAM
HON MUCH/COUNT/FREQUENCY
BINS / CLASSES
A Company of the comp
ASSUME THERE ARE RANDOM NUMBERS B/N 8-N3.
THESE NUMBERS ARE CLASSIFICO:
8-11 11-14 14-17 17-20, 20-13 7 CLASSES
2 7 12 3 7 -> FREQUENCY
RUMULATIVE DISTRIBUTION = 2+7+12+3+1 =25
CUMULATIVE DISTRIBUTION CURVE OR OGNE CURVE.
Contained to the Marketon
CENTRAL TENDENCY!
WHERE IS THE DATA AROUND -> ANG (LIKE)
I ARITHMETIC MEAN!
7 = Ex -> Sum of Numbers
I n -> NO of VALUES / COUNT / SAMPLE SIZE
MEAN (SEP)
BUT EXTREME VALUES AFFECT THE MEAN LIENCE
DO NOT USE IF THE DATA SET HAS EXTREME VALUES.
the contract of the state of th
and a suggestion of the sugges

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Page No.	d	-
Date		

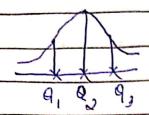
	Uate
	0) MEDIAN -> VALUE @ SOLM PERCENTIZE
	MIDDLE MOST OBSERVATION AFTER
	ARRANGING THE DATA SET FROM LONGST TO
	HIGHEST.
	THIS TO A LARGE GOIENT REDUCES THE EFFECT OF
	GOTREME VALUE.
- 1	GVGN NUMBER OF VALUES - MIDDLE VALUE
	DOD NUMBER OF VALUES -> BUR AVERAGE OF
	MIDDOG VALUE
	- nan 2 M
	87 MODE 121/10011/10
	THE VALUE THAT FRAS HIGHEST FREQUENCY.
-	LIKERY OUTPUT.
	DRAW BACK -> MULTIPLE VALUES OF SAME FREQUENCY
	inapprense you does now sold
	HOW IS DATA DISTRIBUTED AROUND CENTRAL
	PENDENCY -> MEASURE OF DISPERSION
	1] RANGE OF DISPERSION
	R=0×max=-Xminimum and accommod
	EF X = X -> JERD OLS PERSION
	State of the state
	HOW IS THE SPREAD OF DATA
	RANGE SHOULD NOT BE USED IF DATA SET HAS
	EXTREME VACUES.
	The range of the water from the site
	2) INTER- QUARTHE RANGE (19R)
	SOJUTION TO PROBLEM USING RANGE.
÷	HERE 20 WEST 25 /2 & HI CHEST NOW ACCOUNT
	AND RENGE IS LARCULATED WING DNLY THE
	MIDDLE 50°/2 0
	MIN 9, 80%
	MIN 9, 93 MAX
	Scanned with CamScanner

	Conc
STANDARO DEVIATION!	
ANERAGE DEVIATION FROM THE	MIDDLE OF THE
DATA- WILLIAM NEW COME	All Marian
Carried And William	the Lay
-> CALCULATE MEAN TO	of A.V.
-> FOR EACH VALUE (OBSERVA)	70) SUBTRACT N
-> SQUARE THE OUPPUT [ EACH	VANUE]
-> FeNO THE Sum	V
-> DIVIDE THISUM BY (NUMBER	of obseravinors -1)
-> VARIANCE	WAY: 6
-> JUARIANCE = STANDARD DE	NIATION .
man 18 325 (NE )	14491 1 Kunga 143
VARIANCE = S (n-n)2	CIMAL A
n=1	
STO DEV = J VARIANCE	in continues hi
(n-1) -> BECAUSE TO 18 CETTMATE	LES TON HOS B
Mithies sent with the	Fi deste de
WEFFICIENT OF VARIATION	· · · · · · · · · · · · · · · · · · ·
L> RATIO OF 8.0 TO M	BAN MARK A
CV = 8	Y a A and A
on the a total war works	2 23 44
50 UNITS NIH &D = 5 -> SALE	3 MAN & 7, BETTER??
75 UNITS WITH & BOUS > SAN	
CV, = 5 CY = 25	Livit market and the
50 75	(SP - JAMES S. C.
= 1	LE LANGE MARINE CONTRA
= 33/0	A A A A A A A A A A A A A A A A A A A
= 10%	No. 10 10 10 10 10 10 10 10 10 10 10 10 10

	Page No. 4
	Date
	THE EMPIRICAL RUNE
	136 CMPTRICAL RULES
	EF 4 = 10 +1AS 68% OF OATA
	11 + Jan Lips 95% OF DATE
	4 1 80 HAS 99.7% OF DATA
	L. LOWER TO COMPANY AS I THANK TO SEE WASTER . W
	SPZ SPZ
	AVG TO HALLS
-	&D & UNITS & & & & & & & & & & & & & & & & & & &
	(40.40)
	47 DOWNER CHOCKED HILD
	SPJ SEJIS ATJEAST SPJ SEJJ ATJENST
	40 UNITS as unity.
	I A.
	RHEBYSHEN RUNE
	EF DATA NOT BEST SLAPED OR BEST SHAPED
	ATLEAST (1-1) of ROYLL FALL WITHIN
	K Grandard DENIA TIDNS.
	IFK=d
	45% OF DATA NOWL FAUX BETWEEN 280 OF MGAN.
(0	Les on the world some some of the service of the se
	FNE NUMBER SUMMARY.
	X smallest 7
	FIRST QUARTILE (Q1)
	MEDIAN (Qa) DIFF 6 N EACH
	THIRD QUARTILE (93) IS MEASURE OF
	X Jargest DISPERSION
	Jugar
-	

Page No.		5		
Date	the real state			

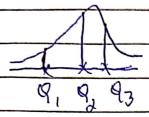
## DISTRIBUTION SHAPE



9, -> middle of a, 693

dectespices

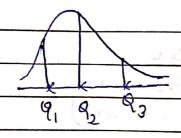
SYMMETRIL



9, & 9, closer a, Layer observations

BRIDANIE FRUE

LEFTSKEW



9, 6, 9, wosch

RIGHT SKER

BOX PXOT: GRAPHICAL REP OF FIVE NUMBER SUMMARY

MHISICERE			Box			WHISKERS		
	1	1000	13/07	11 _ 2 1	. 4.15.	1.16	· www	4/ 4/
	X	25%	à	15'b	25%	VA.	25%	X
	Small	cot	9,	Me	dian	93		Largest

BOX > 9, to 93

BOX PLOT -> HORIZONIAL OR VERTUAL

-> SHOWS THE SRED WALLED AND

-> GOES TILL 1.5× EQR

	Page No. 6
	CORRELATION: VARIABLE 1 VARIABLE 2
	CORRELATION! VARIABLE I VARIABLE 2
	the first of a boundary a first
	+NE CORRED
	Vy d v2
	26,01313932
	AM CARAIL-S
	TO CORPED
	V1 & 1
	NO CORRED :
	CMUSIPLE REJATION
<u> </u>	OR NO PATTERN)
	CADA THEFT
N. Overs	LORRESATION ANALYSIS: NOMINAL DATA
	CHI EQUARE TEST
	to said to the sai
	COREGUATION ANADYSIS: NUMBRIC DAFA
	CORRESATION COEFFICIENT
2	PEARSON'S ROGFFICIENT.
2	Cular and Anni
	HISTOGRAM
	001111111111111111111111111111111111111
	OLSTERSION 3
	LORRE LA MON ANAXYSIS.