•		Week 3 Lecture Nutis
		Explorating Data Analysis (EDA)
9		
9	C	scatterplot boxplot = compare 2 grups (categorical)
3		predictor
3		,
		histogram (distribution)
1		
		Basics of Probability Distribution
		Bernoulli = Singly trial w/zeutus P(success) P(failve) 1-p(success)
!		Binomial: multiple bernoullisamples strong togeter
		Geometric = # of failures before success when smy to yetur bemuli thats
	1	1 and a second a time of the contract of the c
-		TOMMAI DIST = -10 11 10
!	0	Value D. II. do ogs To black
	0	come up in he search question 3 collect samples I data QRun your states
	Z	come up w/ research question 3) collect samples / data (BRun your stats) Turn into ny potesis. O EDA O Examine output
	 	18 = no statistical difference (5) decide signif. level make sure seems trasmable
52	(8	Report your key starts / results
1	•	
est ne 30	91	attstical Tota (pt 1) -2+1-tests
2-test		
, X	Por	HA - yes difference.
135th	J 9,	PS MO
Ť	<u> </u>	one-sample 2 + test = you are compaint a one sample's mean to a predetermined mean
>	MOV 7-test	(h Whiatro) 7 ed large 10 h
	11454	· pulted: compain mens of 2 samples from
(0	6 4 11	
af	tre fraith	
		indp: 1 in ked

	+-test (assumption)
	one-sample=1) continuous 25amle=
	2) data fallon a hormaldist (1) continues data
	2) Random sampling 2) nomaly distributed
	3) Samples VIndependent
	paired = 1) continues vars. 4) variances of z samp are the same
	2) difference sinni
	is numary dist
	3) Randum Sampling
	7 10 1 000000000
	test assumptions
	3) da ka a locano mus dista 2) differe b/m The pairs of donter points
	2) datua humalu dist
	3) sample is tuben randomly 3) random sampling
	\$4) pop Sp KNOWN 3/9) pop 5 of the difference is known.
	2) Yandem sumpt in both sample ween is either c,>
	PUPS (a less differences (a + directionshow)
	3) independence of samples. 2-tail- alterence in or affective and
	4) variance of dis of typical atpus.
	haten pap. known 1) t-or z-stat z) df(n-1) 3) p walre, confidence intro
	[ANNA 755] one way assumptions
	(now way a truma)
	Trangle 52 categorial 4) outcom is continues
	diffues fudires differ and Ha : modifformee, mens equal
	1 varable 5 2 categoriqual 4) outcom is continues alkares factors differ and Ha = modiffermee, mens equal each out +14 = means differ
	LOAN NO IN ASSIANCE OFFICIAS:
	1) w time verialle an inwater
	2) GNOV BY VAIR SHAMA BE
	Categorial + independent p-value & confidence in the
-	3) Sample of independence.
- 1	5) humality due to vandom crance.
F	p 2 50/0 (reject null) that the pup mean is w/, n
	P = 50/0 (fuil Mitch num) (195% of the CI will cover the tre
	- 05-265% CT 10- + + CM/1/2 h0
11	a range of means=(1,02,3,5) & +df(n-1) => cntical value interpret d test start
LADO	a range of meuris (100 2) 2000