87	what is Hypothesis Texting (Nucl and Alternate)?
	Hypothesis -0.4
	A startical statistical hypothesis is an assumption
	about a population parameter. This anumpli-
4.46	on may not be true.
	For instance the statement that a population
	mean is equal to 10 is an example
	of a startical hypothesis. A researcher
	night conduct a startical experiment to text
	the validity of this hypothesis.
	Hypothesis Testing
1	Startician follows a formal process to determine -
2001/18/25	whether to reject a null hypotheris based
7 1000	on sample clasa. This process called
White H	Hypothesis Testing.
130 10	Or st
61,	Hypothesis Testing Jufars to the formal procedures used by atadistics to accept as
	proce duses used by obtadisting to accept as
	réject pull Hypothesis.
	Reject rule Hypothesis. There are 2 types of Hypothertical Texts!
	Dues Hypothesis'- The null hypothesis, denoted
	by Ho is wally the hypothesis that
	sample observations heruet parely from chance.
-	

	· Attempative Hypothesis:
	The auternative Hypothesis , clenated by H, ord Ha, is the hypothesis that sample observations are influenced by some handom cause:
	2/23/0.99/0.
i de la	Suppose we wanted to defermine whether a coin was fair and balanced. A need helpotheris might be that half the lips
1211	in Tails. The alternative Hypothesis might be number at Head 68 Tails would be very different.
	Ha: P+ 0.5
zoforzato)	at word to all a distances
19200	Suppose we plipped the coin so times, healting in 90 tools heads and 10 tails we would in 10 the need Hypothess
1,3	we would conclude, based on evidence. this name was probably not fair
	and balance d.
17 Me	advanted four and - 2100 mayer was
and h	The state of the s

	Hypothesis Testing consists of four stops:	
	State The Hypothesis: involves stading the new). [
22	are draded in Journ a way that they	1 20
300	one mutually exclusive. That is, if and is if the other must be false.	
- 1150	Jaise.	1
•	Formulatede an Analysis Plan: The analysis blan describes how to use stample data to evaluate the null hypothesis.	1.
Tax (j.)	The evaluation of ten focused asound a single text statistic.	e_
	Analyze Sample Obta: Find the value of the text statistic (mean scare, bookston,	
	the analysis plan.	- H.
. 0.7	anterpret Results: Apply the Decision Rule described in the analysis plan. The value of the test atatistic to the the value of the the null hypothesis.	
	rigort theo quel hypothesis.	h

82. What is Population and Variante 2 Sample? Population:

A population:

A population is the entire group that

you want to alraw conclusions about.

In astaristics, population is the entire

also of items from which you alraw

about of astartical study of can

be a group of astartistics individuals,

a slot of items etc. It makes up the

data pool for a study. Population and Variance In attadistics, population is the entire over of items from which you draw date for a startical study. It can be a group of stratistics individuals, a set of items etc. It makes up the data pool for a study. Sample :-A sample is the specific groups trat you will callect data from. The size of sample is always less tran the total size of the population. In herearch, a population doesn't always

Lefer to a people, It can mean a

group contain containing clem ents

of anything your want to study

Buth as objects, events, anganization

countries, special, organisms etc.

200	Population	Sample
9	Advertisements for	-> The top 50 search flegally
	I Jobs in the	To advertisements los .
3671	Netherlands	Nethalands on may 1,2020.
->	Some I som the Comi	Day Kungang and San
	sion song contest.	Eurovision song context that
10 18 A 2 A	te con diameter	English.
02	A course a service and the	
9 Ψ.	what is Type 1	and takes 5 62 sols
Ang	- 126-7 EQUAL 4	1 1/26-3 68202 OCCURS ONED
Bafa	the hereascher	hejorts a noon by pothesis when
	it is true. Th	e tombability of committing
and and a	a Type - I	error is called the Egificance
	leve	oll and it some a -
	Ty/20-2 Expor: - +	+ table - I o soon occurs when -
	the lesearch of	s fails to reject a nuel
0.0112		This true, that is
	Value the	probability of committing
	& ture -11	error is called Beta, and
	is alten de	innered by P. The Diobability
ale la let	al not cor	nmiting a type-1 conor is
10	facted the	power of the text.
	Marine Branch Control of the State	is all discount to the second
		1100
SECRETARIA CANADA		