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Topics	on	fin	aı

Design an experiment: What are the elements? (blocking, random number table)					
Interpreting histograms stem and leaf graphs, charts, normal distribution, and boxplots: Where's the mean median interquartile range and standard deviation.					
Symmetric versus skew. Connecting boxplots to histograms to stemplots. Outliers					
Meaning of z scores: percentile to z-score and vice versa. Use NORMALCDF and INVNORM					
probability. p(A, then B), with replacement and without, what is a binomial situation and how do you get probabilities?					
What is independence?					
How can you use it?					
variability versus bias (types) sample error response bias non-response bias/undercoverage convenience/voluntary					
types of sampling (standard dev of distribution of sample means = σ/\sqrt{n}), what is the population and the sample? SRS Cluster Stratified Systematic Multi-stage					

Find CI for t or z-prop	
What happens to mean and standard deviation with linear transformations or adding/subtracting data set	:s?
What are the mean and standard deviation of a random probability or a binomial distribution?	