

Parameter vs. Statistic		
Variable	Parameter, Population	Statistic, Sample
proportion or percentage	π	p
average (mean)	μ	$\bar{X}$

Sampling Methods	
Probability	Non-Probability
Simple random	Convenience
Systematic	Quota
Stratified	Judgment
Cluster	Snowball

Variable Types	
Numerical: numbers	Categorical: names
Discrete	Nominal
Continuous	Ordinal

Data Sources	
Primary Data	Secondary Data
Surveys	Published Sources
Experiments	

Presenting Data		
	Categorical Data	Numerical Data
Summary Tables	frequency count, cross tabulation	frequency count in different intervals/bins
Charts	bar charts, pie charts	histogram



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