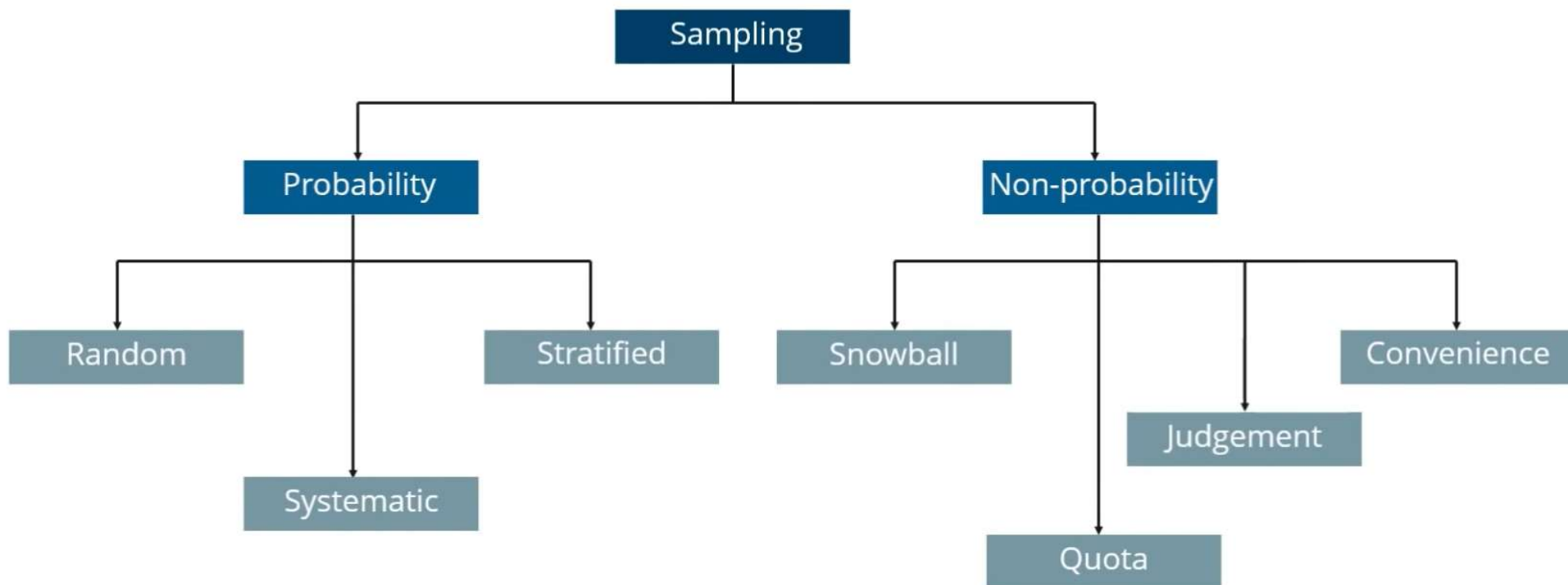




# Sampling Techniques

[www.hbpatel.in](http://www.hbpatel.in)



E.g. Opinion / Exit Polls in an Election

Image Source: [www.edureka.co/data-science](http://www.edureka.co/data-science)



# Random Sampling

[www.hbpatel.in](http://www.hbpatel.in)

Random Sampling

Systematic Sampling

Stratified Sampling



*Each member of the population has equal chance of being selected in the sample.*

Image Source: [www.edureka.co/data-science](http://www.edureka.co/data-science)



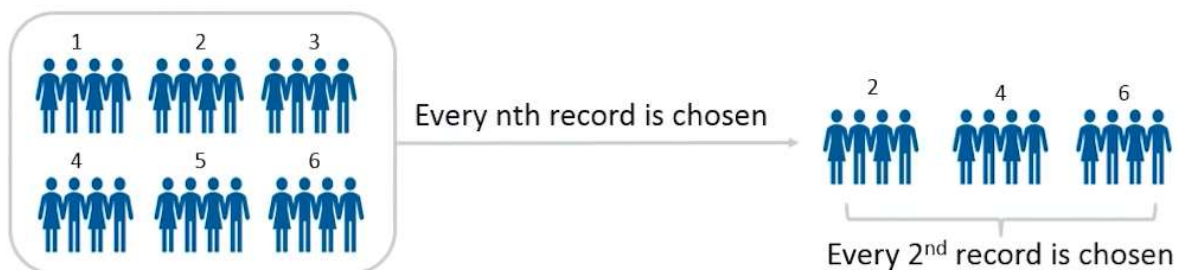
# Systematic Sampling

[www.hbpatel.in](http://www.hbpatel.in)

Random Sampling

Systematic Sampling

Stratified Sampling



*In Systematic sampling every  $n$ th record is chosen from the population to be a part of the sample.*

Image Source: [www.edureka.co/data-science](http://www.edureka.co/data-science)



# Stratified Sampling

[www.hbpatel.in](http://www.hbpatel.in)

Random Sampling

Systematic Sampling

Stratified Sampling

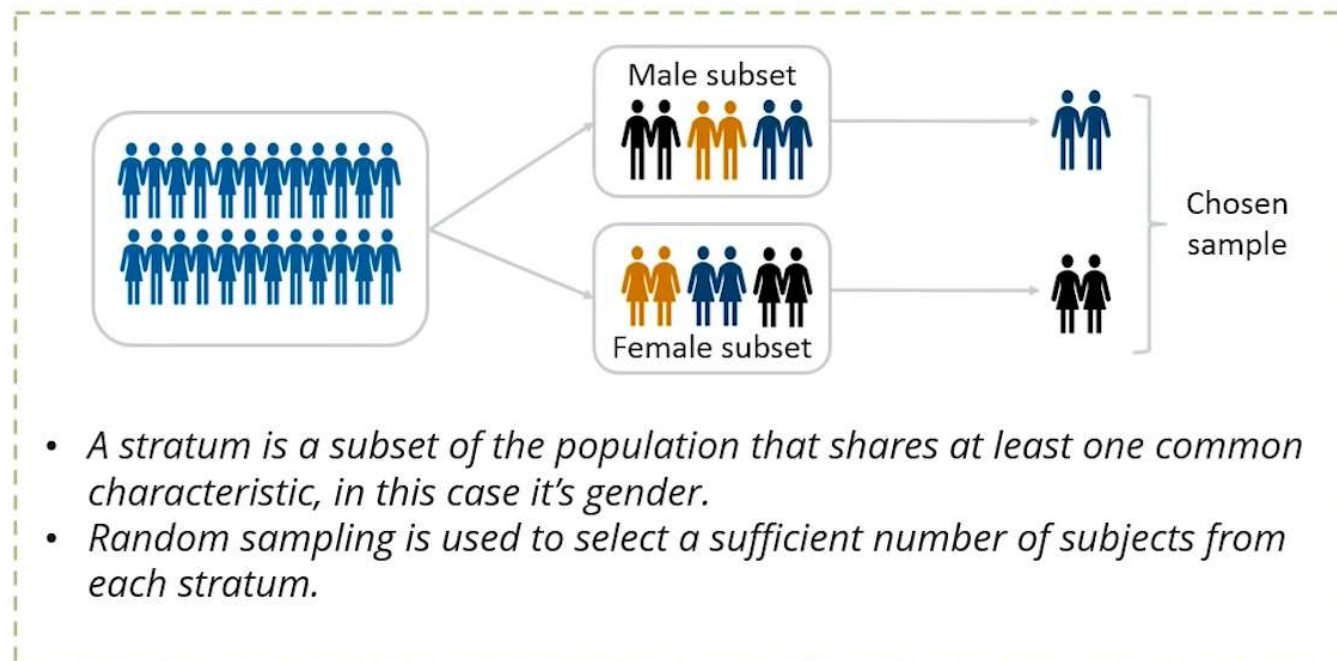


Image Source: [www.edureka.co/data-science](http://www.edureka.co/data-science)