

BIO STATISTICS

UNIT	TOPIC
Unit-1	Descriptive Statistics :Looking at your data <ul style="list-style-type: none">• Types of Data• Tables & Graphs• Central tendency & dispersion
Unit-2	Probability <ul style="list-style-type: none">• Bayes Theorem• Sensitivity & Specificity• Odds Ratio & Relative Risk
Unit-3	Distributions <ul style="list-style-type: none">• Binomial distribution• Poisson distribution• Normal distribution• Central Limit Theorem• Standard scores/zscores
Unit-4	Statistical inference: <ul style="list-style-type: none">• Samples and populations• Power• Confidence intervals• p-values
Unit-5	<ul style="list-style-type: none">• Correlation• Linear Regression