

EXCEL STATISTICAL FUNCTIONS CHEAT SHEET

Descriptive

=AVERAGE()> Average value

=STDEV()> Standard deviation (sample)

=MIN()> Smallest value

=MAX()> Largest value

=VARP()> Variance (population)



Conditional & Summary

After every function select the desired range to apply it

=COUNTIF()> Count of values matching condition

=SUMIF()> Sum of values matching condition

=AVERAGEIF> Average based on condition

=AVERAGEIFS()> Average of values matching multiple conditions

=COUNTIFS()> Count of values matching multiple conditions

Regression & Correlation

=SLOPE()> Linear regression slope

=CORREL()> Correlation coefficient

=LINEST()> Regression stats array

=FORECAST()> Value prediction

=TREND()> Linear trend projection

Distribution & Shape

=KURT()> Kurtosis measure

=SKEW()> Skewness measure

=PERCENTILE.INC()> Inclusive percentile

=QUARTILE.INC()> Inclusive quartile

=RANG.EQ()> Rank of value in data set