

**Maratha Vidya Prasarak Samaj's
Arts and Commerce College, Khedgaon
DEPARTMENT OF COMMERCE**

YouTube Link of Course in Data Analysis using MS- Excel

Lecture Number	Topics covered	YouTube Link
1	Introduction and important of Statistics-I	https://youtu.be/bUak8TbkQgQ
2	Introduction and important of Statistics-II	https://youtu.be/g56co3zFXSo
3	Statistics and Data Types	https://youtu.be/-OYtXRu12Bo
4	Population and Sample from Population: Sampling Methods	https://youtu.be/-lnurRtV_20
5	Measures of central tendency - I	https://youtu.be/KbmsnrD64bs
6	Measure of central tendency -II	https://youtu.be/SlyUHi8LPN0
7	Measures of Dispersion	https://youtu.be/9xkygV4vmWM
8	Moments	https://youtu.be/eoP2D7oBNwE
9	Skewness and Kurtosis	https://youtu.be/D8ZMG89nkwE
10	Correlation	https://youtu.be/wX-ws6VrRBw
11	Simple and Multiple Linear Regression	https://youtu.be/ZRdAtiD-KDk
12	Degenerate Distribution, Discrete Uniform Distribution	https://youtu.be/9JjgNzWE0UE
13	Bernoulli and Binomial Distribution	https://youtu.be/D69LLDq2w7g
14	Hypergeometric Distribution	https://youtu.be/c4neyo4pOXg
15	Poisson Distribution	https://youtu.be/w4gq_1CJMCM
16	Uniform Distribution	https://youtu.be/XolmOkqW7Fc
17	Exponential Distribution	https://youtu.be/MFTO4j1dadQ
18	Normal Distribution	https://youtu.be/YkqVqVbMogs
19	Normal Distribution: Computation and probabilities	https://youtu.be/pVuvDhiecyM
20	Descriptive Statistics using Statistical Software	https://youtu.be/Aq5nYxrYkN4
21	Graphical and Diagrammatic Representation of data	https://youtu.be/-OMpKBMZERA
22	Correlation, Simple and Multiple Linear Regression using Statistical Software	https://youtu.be/fEgtENPRqws
23	Basic Concepts of Inferential Statistics, Chi- square test for goodness of fit	https://youtu.be/kOAXZmdD_gs
24	Chi-square test for independence of attributes	https://youtu.be/Xre4IOCxFel
25	One sample t-test, Two (independent) Sample t- test	https://youtu.be/QtytsDyAK2Q
26	Paired T test , F test	https://youtu.be/VaML0BaK6UA
27	ANOVA, One Way ANOVA	https://youtu.be/beg4Fg9Ojd0
28	Introduction of Non-Parametric Tests, Run Test	https://youtu.be/IJiNNpOW6cg
29	Wilcoxon Signed Rank Test, Krushkal Wallis Test	https://youtu.be/5MoPCFqGb7E
30	Kolmogorov-Smirnov Test	https://youtu.be/PGp5P744GFU
31	Small sample tests using R software	https://youtu.be/NeYpba0QUql

32	F-test , Chi-square test and ANOVA using R software	https://youtu.be/UoAYtCUUtk
33	Non parametric test using R software	https://youtu.be/Ga31EqiwCf8