

Business Statistics: Communicating with Numbers, 4th Edition

By Jaggia/Kelly

Additional Student Resources

Please click the links below to access Additional Student Resources for this title.

MegaStat Website

<https://www.mhhe.com/megastat>

MegaStat User's Guide

[User's Guide](#)

R Software Instructions

[R Software Instructions](#)

Data Files

Please note that there are no data files for chapters 5 and 6.

[Big Data Files](#)

[Chapter 01 Data Files](#)

[Chapter 02 Data Files](#)

[Chapter 03 Data Files](#)

[Chapter 04 Data Files](#)

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Appendices

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[Appendix B](#)
[Appendix C](#)

Excel Tutorials

Video	Topic
Video #01	How to build a frequency table (Length: 5:13)
Video #02	How to build horizontal bar chart (Length: 5:08)
Video #03	How to build vertical bar chart (Length: 4:24)
Video #04	How to build pie chart (Length: 4:11)
Video #05	How to build line chart (Length: 1:59)
Video #06	How to build joint frequency distribution-pivot table (Length: 4:51)
Video #07	How to build frequency table using pivot table (Length: 4:05)
Video #08	How to build frequency distribution using pivot (Length: 5:35)
Video #09	How to build relative and cumulative frequency distribution (Length: 4:59)
Video #10	How to build frequency polygon with pivot table (Length: 4:28)
Video #11	How to build frequency polygon from frequency distribution (Length: 3:45)
Video #12	How to build a histogram with Histogram chart feature (Length: 3:52)
Video #13	How to build a cumulative frequency polygon with pivot table

Video	Topic
	<u>(Length: 5:29)</u>
Video #14	<u>How to compute measures of central tendency (Length: 3:53)</u>
Video #15	<u>How to compute weighted average (Length: 5:13)</u>
Video #16	<u>How to calculate geometric mean (Length: 4:33)</u>
Video #17	<u>How to calculate range (Length: 2:42)</u>
Video #18	<u>How to calculate population variance and SD (Length: 3:51)</u>
Video #19	<u>How to calculate variance and SD for a sample (Length: 2:13)</u>
Video #20	<u>Using Descriptive Statistics to find measures of central tendency and dispersion (Length: 3:26)</u>
Video #21	<u>How to compute arithmetic mean and SD for grouped data (Length: 4:05)</u>
Video #22	<u>How to apply the Empirical Rule using Descriptive Statistics (Length: 4:16)</u>
Video #23	<u>Building a Dot Plot (Length: 4:24)</u>
Video #24	<u>How to build a scatter diagram (Length: 5:22)</u>
Video #25	<u>How to build a stem-and-leaf display (Length: 5:09)</u>
Video #26	<u>How to compute quartiles and percentiles (Length: 5:09)</u>
Video #27	<u>How to build a boxplot in Excel (Length: 3:47)</u>
Video #28	<u>How to use Descriptive Statistics to evaluate skewness (Length: 2:54)</u>
Video #29	<u>How to build a contingency table with Pivot table (Length: 3:40)</u>

Video	Topic
Video #30	How to use Permut and Combin formulas (Length: 3:47)
Video #31	How to apply Bayes Theorem (Length: 4:33)
Video #32	How to build and graph discrete probability distribution (Length: 3:36)
Video #33	How to apply binomial distribution (Length: 4:48)
Video #34	How to apply hypergeometric distribution (Length: 4:41)
Video #35	How to apply Poisson.dist (Length: 3:31)
Video #36	Transforming continuous distribution to standard normal distribution (Length: 5:05)
Video #37	Using Norm.Dist to find probability in a normal distribution (Length: 5:21)
Video #38	How to apply norm.inv (Length: 2:52)
Video #39	How to apply norm.s.inv and norm.s.dist (Length: 4:36)
Video #40	How to use expndist and gammainv (Length: 5:28)
Video #41	Generating random numbers- three methods (Length: 5:50)
Video #42	Simple random sample with replacement (Length: 2:16)
Video #43	Simple random sample without replacement (Length: 3:29)
Video #44	Generating a stratified random sample (Length: 3:15)
Video #45	Generating a systematic random sample (Length: 3:05)
Video #46	Building a sampling distribution (Length: 5:43)
Video #47	Finding probability of a sample mean with normdist (Length: 3:31)

Video	Topic
Video #48	Confidence interval with Descriptive Statistics (Length: 2:46)
Video #49	Simulation of confidence intervals sigma known (Length: 4:01)
Video #50	Computing a confidence interval with confidence-t (Length: 2:04)
Video #51	Conducting a one sample z test of the mean (Length: 4:27)
Video #52	Conducting a one sample t test of the mean (Length: 3:18)
Video #53	Computing beta and power (Length: 3:24)
Video #54	Conducting a two sample t test assuming equal variance (Length: 5:49)
Video #55	Conducting a two sample z test independent populations (Length: 5:33)
Video #56	Conducting a two sample t test assuming unequal variance (Length: 5:57)
Video #57	Conducting a paired t test for two dependent samples (Length: 1:56)
Video #58	Conducting an F test two sample for variances (Length: 4:04)
Video #59	Conducting a single factor ANOVA (Length: 3:30)
Video #60	Conducting ANOVA two factor with replication (Length: 3:57)
Video #61	Conducting ANOVA two factor without replication (Length: 3:56)
Video #62	Computing correlation (Length: 2:50)
Video #63	How to run regression (Length: 4:55)
Video #64	How to transform data (Length: 4:36)

Video	Topic
Video #65	<u>How to build a multiple regression model (Length: 5:46)</u>
Video #66	<u>Conducting a chi square test for observed vs. expected frequencies (Length: 5:11)</u>
Video #67	<u>Conducting a chi square test of independence for a contingency table (Length: 4:08)</u>
Video #68	<u>Using least squares method to generate a trend line for a forecast (Length: 5:09)</u>
Video #69	<u>How to conduct a test for autocorrelation using Durbin Watson statistic (Length: 5:45)</u>
Video #70	<u>How to deseasonalize data to generate a trend adjusted equation (Length: 5:39)</u>
Video #71	<u>How to build a Pareto chart (Length: 1:10)</u>