














































Web Pages of Topics	Movie Clips	Data Set Used
<u>Overview of Data Analysis</u>		
<u>Overview of SPSS</u>	 <u>Overview of SPSS</u>	Cars
<u>Getting Started</u>	 <u>Getting Started</u>	Math Assessment
<u>Options to personalize SPSS Interface</u>	 <u>Options in the Edit Menu</u>	Math Assessment
<u>Data Editor Window</u>	 <u>Open Files in SPSS</u>	SPSS: Math Assessment , Excel: New Drug , Text: Body Fat
	 <u>Define/Modify Variables</u>	Math Assessment
	 <u>File Manipulation: sort, merge, Transpose</u>	Try1 , Try2 , Try3
	 <u>File Manipulation: select, split</u>	Math Assessment
	 <u>Programmability Extension-Using R inside SPSS</u>	Fabric
<u>Data Transformation</u>	 <u>Transformation of Variables</u>	Math Assessment
	 <u>Data Restructuring between cases and variables</u>	Exam and Quiz
<u>Output Window</u>	 <u>Output: editing, printing</u>	Math Assessment
	 <u>Output: pivot table, Saving, Exporting</u>	Math Assessment
<u>Syntax Editor Window</u>	 <u>Syntax Editing and Journal Files</u>	Math Assessment
<u>Chart Editor Window</u>	 <u>Output: Chart Editing</u>	Math Assessment
<u>Statistical Techniques</u>	 <u>Introduction to Statistical Procedures in SPSS</u>	Tech Survey
<u>Descriptive Statistics</u>	 <u>Frequencies and Descriptive</u>	New Drug
	 <u>Explore Procedures</u>	Disease
	 <u>Crosstabs Procedures</u>	Tech Survey
<u>Compare Means</u>	 <u>t-test procedures</u>	Cancer

	 <u>One-way ANOVA</u>	Food Company
<u>General Linear Models</u>	 <u>Univariate GLM</u>	Supper Market
	 <u>Multivariate GLM</u>	Plastic
	 <u>GLM: Repeated measures</u>	Cancer
<u>Generalized Linear Models</u>	 <u>Generalized Linear Models</u>	Fabric
<u>Mixed Models</u>	 <u>Mixed Models</u>	Exam
<u>Bivariate Correlations</u>	 <u>Bivariate and Partial Correlation</u>	Body Fat
<u>Regression Models</u>	 <u>Linear Regression - stats, diagnosis, plots</u>	Body Fat
	 <u>Linear Regression - Variable selections</u>	Body Fat
	 <u>Logistic Regression</u>	Disease
<u>Log-linear Models</u>	 <u>General Loglinear models</u>	Tech Survey
<u>Classification</u>	 <u>Cluster Analysis - clustering variables or cases</u>	Tech Survey
<u>Data Reduction</u>	 <u>Factor Analysis</u>	Tech Survey
<u>Scale - Reliability Analysis</u>	 <u>Reliability of Analysis</u>	Tech Survey
<u>Nonparametric Techniques</u>	 <u>Nonparametric Runs and 1-sample</u>	Cancer
	 <u>Nonparametric Independent Samples</u>	Food Company
	 <u>Nonparametric Related Samples</u>	Cancer
<u>Time Series</u>	 <u>Time Series Smoothing</u>	Gasoline Sales

	 <u>Time Series: ARIMA models using Expert Module</u>	<u>Airline Passengers</u>
<u>Survival Analysis</u>	 <u>Kaplan Meier Models</u>	<u>Rat Tumor</u>
	 <u>Cox Regression Models</u>	<u>Lung Cancer</u>
<u>Quality Control</u>	 <u>X-Bar, R Charts for Variable Data</u>	<u>Ring Diameter</u>
	 <u>p, np Charts for Attribute Data</u>	<u>Orange Juice</u>
	 <u>c and u charts for Count Data</u>	<u>Dye Cloth</u>
	 <u>Capability Analysis</u>	<u>Ring Diameter (cases are subgroup)</u>
<u>Receiver Operating Characteristic Curve</u>	 <u>ROC Curve for Classification Model Comparison</u>	<u>Loan</u>