Saving and Sharing Results in JMP

There are two key questions that can help you determine the best format for saving and sharing your work.

The first question is related to why you are saving and sharing your results?

Are you saving your results for your own use, to save your work or to make it easy to repeat your analysis later? Or are you collaborating with others who need to be able to access your data, and your analysis results, in JMP?

The four most popular formats for saving and sharing results directly in JMP are scripts, journals, projects, and dashboards.

Let's talk about each of these formats and when you might use them.

Earlier in this module, you learned how to save JMP scripts to the data table. Remember that JSL, or JMP Scripting Language, is the JMP programming language. But you don't need to write code to use JSL. JMP creates JSL code for analyses that you run.

When you save scripts for your analysis to the data table, you can easily run the same analysis later. You can edit these scripts, and you can combine scripts for different analyses into one larger script. This makes it easy for you to run many analyses at one time.

Now let's talk about journals. You can save your analysis results and workflow in a JMP journal.

With JMP journals, you can capture notes, URL links, JSL scripts, data, and graphical output in one file. When you share JMP journals, others can see what you've done and can easily repeat your analysis steps in JMP.

Saving analysis scripts and creating journals for your analysis are two ways of making your work repeatable.

Another way of making your work repeatable is to package your analysis as a JMP project.

With a JMP project, you can include all of the files you used in your analysis. This includes data tables, scripts, reports, journals, as well as PDF files, Word and PowerPoint files. Then you can archive your project for future reference, or you can share it with others.

The last format for sharing your work in JMP that we'll discuss is interactive dashboards.

You can create a JMP dashboard, which enables you to package your data and linked analyses in one interactive window. Dashboards can include tables, graphs, and analyses, which update as you select different values of filtering variables. This enables you to dynamically explore different subsets of your data on the fly.

You can also save JMP dashboards in formats that can be accessed outside of JMP. You learn about these formats in the next video.

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