



# What's new in JMP<sup>®</sup> 16

## JMP<sup>®</sup> Australia and New Zealand



## Bass Masri

Don't count the days. Make the days count!



- A passion for analytics and statistics with more than 20 years of work experience in engineering, science and process improvement.
- Tertiary education includes a Bachelor Degree in Science and Masters in Applied Statistics from Macquarie University, Sydney Australia.



# Gahya Pandian

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- Account Representative, Australia and New Zealand.
- Your go to person for general inquiries, licensing, purchasing and product demonstrations.



# Introduction

JMP® is statistical discovery software from the SAS® Institute.

- JMP® provides scientists, engineers and analysts with a visual and interactive tool
  - to explore data,
  - design experiments,
  - improve processes,
  - solve problems quickly,
  - and share results...



# Agenda - New in JMP® 16

Some new capabilities and features in JMP® 16, JMP® Live and JMP® Pro

## What's new in JMP® 16?

▶ **Action Recording -  
Enhanced Log**

▶ **Control Charts - Warning  
Email with JMP® Live**

▶ **Model Screening  
Platform with JMP® Pro**



▶ **Make Binning Formula -  
Column Utility**

▶ **Term Selection - Sentiment  
Analysis with JMP® Pro**

▶ **Project Organization -  
Self Contained File**

# Action Recorder

## Enhanced Log Mode

### Action Recording - Enhanced Log

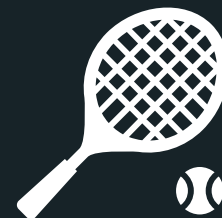
With the new Action Recording and Enhanced Log Mode, JMP captures activities performed during an interactive session and writes the corresponding JSL code.



Action Recorder | JMP 16

NewStack

- Spend less time performing data cleanup steps.
- Interactively build a repeatable data prep workflow.
- Expand your use of JSL code using generated scripts.



# Control Charts

## Warning Email with JMP® Live

### Control Charts - Warning Email with JMP® Live

Managing product quality and process improvement effectively, hinges on access to current production data. With the new Control Chart email notifications paired with JMP Live reports, you can monitor production, triage issues and share status.



Control Chart Warning | JMP  
16

Tablet Production

- JMP® Live sends notifications to specific users who need visibility to control chart warnings.
- You can receive notifications for any warning type.



# Model Screening Platform

Select dominant model with JMP® Pro

## Model Screening Platform with JMP® Pro

No one model fits every problem. You need the best one to explore the research question. Enter the new Model Screening platform that saves time in the model fitting process.



Model Screening | JMP 16

Diabetes

- Automatically fit multiple predictive models and help select best performing model.
- Fit all available predictive models for categorical or continuous responses.

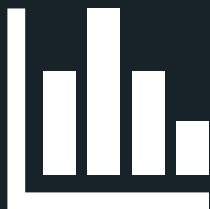




# Make Binning Formula

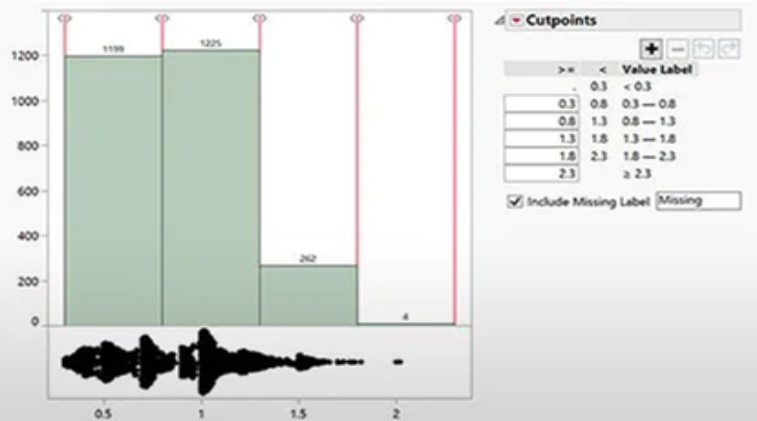
## Column Utility

- Distribute your data into bins using the Make Binning Formula.
- Column utility allows for interactive binning of continuous data.



### Make Binning Formula - Column Utility

The new Make Binning Formula - column Utility allows for interactive binning of continuous data.



Make Binning Formula

# Term Selection and Sentiment Analysis

## Text Explorer Platform in JMP® Pro

- Find terms that are most strongly associated with your response using Term Selection.
- Classify and interpret customers' emotions from their reviews, survey responses and transcripts with Sentiment Analysis.



### Term Selection - Sentiment Analysis with JMP® Pro

Two new features in the Text Explorer platform let you perform data-derived sentiment analysis to better understand what your customer is really saying.



Term Selection Sentiment  
Analysis | JMP 16

Chips

# Project Organization

## Organize your work

- Organize your work; tables, charts, scripts in a handy tabbed output format.
- You can save files and reports directly to the project itself.



### Project Organization - Self Contained File

Projects have been improved to add the ability to save JMP files and reports directly to the project itself. This results in a single .jmpprj file that can be distributed as a single self-contained file.



Projects in JMP 16

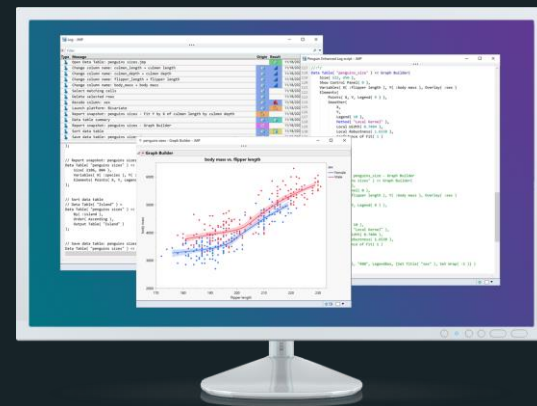
# Findings and Summary

Next Steps: How do I get JMP® 16?

Buy Now

Try JMP

- Get more out of your data with JMP statistical discovery software.
- There are a few different ways to get the new release of [JMP® 16](#)
- Ask your software administrator to [request the upgrade](#)
- Download your fully functional [free trial of JMP® 16](#)
- Or contact us on: [jimpanz@sas.com](mailto:jimpanz@sas.com)




# Learn JMP


## Useful Resources

Software   JMP in Action   Events   **Learn JMP**   Community   JMP Public   Support   About Us   [Try JMP](#)   [Buy JMP](#)


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[Getting Started with JMP](#)  
Explore resources designed to help you quickly learn the basics of JMP right from your desk.




[Mastering JMP](#)  
A webinar series for JMP users of all experience levels who want to build their analytic skills.



[New User Welcome Kit](#)  
You just got JMP. Now get ready to explore your data by following our learning road map.



[Statistical Thinking Course](#)  
Learn practical skills in this free online statistics course encompassing short videos, demonstrations, exercises and more.



[JMP Training from SAS](#)  
We offer courses at all levels to help build your knowledge and skill set.

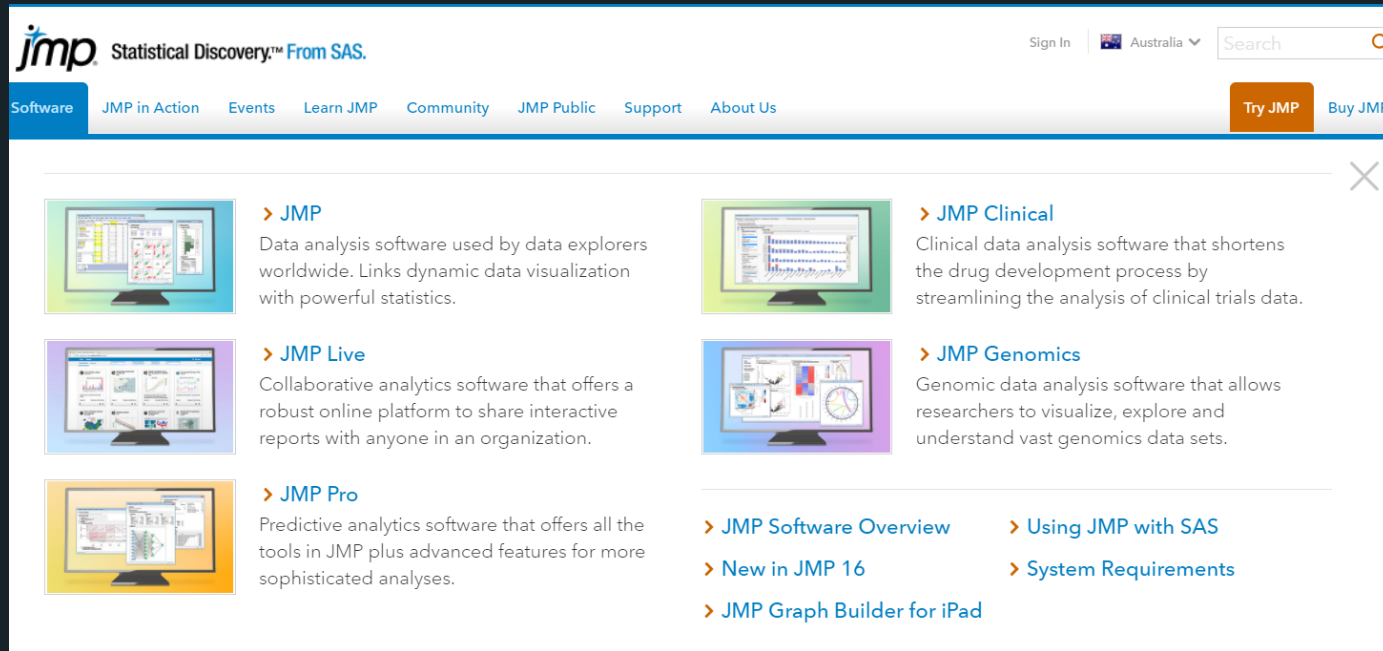
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OTHER RESOURCES

- [Books and JMP](#)
- [JMP Blogs](#)
- [Case Study Library](#)
- [Learning Library](#)
- [On-Demand Webinars for JMP Users](#)
- [Statistics Knowledge Portal](#)

# JMP® Suite

JMP® suite includes: JMP® Pro, JMP Live, JMP Clinical, JMP Genomics ...



The screenshot shows the JMP website's main navigation and a central content area. The top navigation bar includes the JMP logo, the tagline "Statistical Discovery™ From SAS.", a "Sign In" link, a location dropdown set to "Australia", a search bar, and buttons for "Try JMP" and "Buy JMP". Below the navigation bar is a horizontal menu with links for "Software", "JMP in Action", "Events", "Learn JMP", "Community", "JMP Public", "Support", and "About Us". The main content area features a grid of product cards for JMP, JMP Live, JMP Pro, JMP Clinical, and JMP Genomics, each with a representative image and a brief description. At the bottom of the content area, there are several links for further exploration, including "JMP Software Overview", "Using JMP with SAS", "New in JMP 16", "System Requirements", and "JMP Graph Builder for iPad".

**Software** | [JMP in Action](#) | [Events](#) | [Learn JMP](#) | [Community](#) | [JMP Public](#) | [Support](#) | [About Us](#) | [Try JMP](#) | [Buy JMP](#)

**> JMP**  
Data analysis software used by data explorers worldwide. Links dynamic data visualization with powerful statistics.

**> JMP Live**  
Collaborative analytics software that offers a robust online platform to share interactive reports with anyone in an organization.

**> JMP Pro**  
Predictive analytics software that offers all the tools in JMP plus advanced features for more sophisticated analyses.

**> JMP Clinical**  
Clinical data analysis software that shortens the drug development process by streamlining the analysis of clinical trials data.

**> JMP Genomics**  
Genomic data analysis software that allows researchers to visualize, explore and understand vast genomics data sets.

[> JMP Software Overview](#) | [> Using JMP with SAS](#)  
[> New in JMP 16](#) | [> System Requirements](#)  
[> JMP Graph Builder for iPad](#)

# About JMP® Australia and New Zealand

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## › About JMP

JMP is a division of SAS that produces interactive statistical discovery software.



## › Thirty Years of JMP

Take an interactive walk down memory lane with user profiles, vintage videos, an interview with John Sall and more.



## › John Sall

SAS Co-Founder and Executive Vice President John Sall is the creator and chief architect of JMP software.

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FROM SAS



Thanks for joining us ...



Statistical Software | JMP Software from SAS