No-Code Statistics and Data Science with JMP

Oct. 19, 2022 | 11 a.m. – 1:30 p.m.

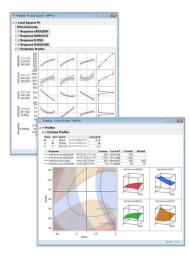**LWSN 1142**

** lunch provided **

JMP (pronounced "jump") is interactive, visual, and powerful data analysis software with capabilities ranging from basic statistics and graphing through advanced modeling, machine learning, design of experiments, industrial statistics, and more. Its engaging, no-code interface makes it great for teaching statistics and data science across a range of disciplines and skill levels. Purdue University has a campus-wide license, granting access to the software to every faculty member and student.
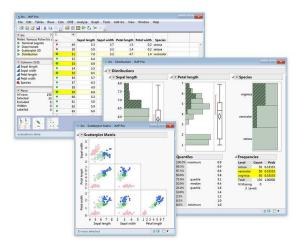
In this session, the JMP Academic team will demonstrate JMP tools for:

- Drag-and-drop graphing
- Basic statistical analyses
- Teaching statistical concepts
- Linear modeling

- Machine learning
- Model tuning and cross-validation
- Model visualization and comparison
- Exporting models (e.g., to Python)

Because the agenda covers only a fraction of JMP's full capabilities, the presenters will also be available for Q&A, including regarding new features in JMP 17 (coming this October).

Contact Ross Metusalem, JMP Academic Ambassador, at ross.metusalem@jmp.com with any questions or comments before or after the session.