W7: Additional Resources

Below are additional resources (e.g., links, references, reading materials) for those who want to explore the topics addressed in this week's lesson further. Everything listed is strictly optional and does not affect students' final grades.

- **Predictive Analytics World (PAW)** **(http://www.predictiveanalyticsworld.com/)** An ongoing conference held in multiple cities that addresses the continuously developing world of predictive analytics. The conferences always have a wide range of speakers and workshops that allow practitioners to gather and share ideas. The nature of each conference typically focuses on a unique sector such as Business, Healthcare, or Finance. Like all conferences, PAW provides good networking opportunities and exposes audience members to real-world approaches to problem solving.

- **UCI Machine Learning Repository** **(https://archive.ics.uci.edu/ml/datasets.html)** A variety of free data sets to help students practice their machine learning skills.

- **Knime** **(https://www.knime.org/downloads/overview)** and **WEKA** **(http://www.cs.waikato.ac.nz /ml/weka/downloading.html)** These are two free applications for advanced data mining and analysis. While there are many premium options available as well, either of these applications are a good introduction to data mining software for students who want to explore the use of algorithms and machine learning. Tutorial videos on how to use these applications can be found on YouTube.