Statistical Modeling – Part 1

Statistical models are used for…

* Identifying patterns in data
* Classifying events
* Untangling multiple influences
* Assessing the strength of evidence

What is a statistical model…

* A model is a representation (it stands for something in the real world) for a purpose (your particular use for the model)
* A special type of mathematical model
* Informed by data
* Incorporates uncertainty and randomness

What you’ll learn in this course…

* Design a model
* Use data to train your model
* Interpret and use your model