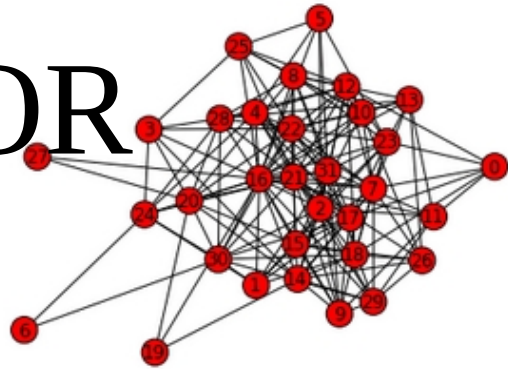


DATA EXPLORATION03



These are powerful new tools; used today to answer the unanswerable and start life-changing companies. One part math, one part programming, and a whole lot of creativity: data science is an art that cannot be learned from a textbook.

Dataset: SuperHappyFunDataSet.csv. Raw financial data from Bloomberg. Don't be fooled by the name. This is the devil incarnate! The variable of interest is the U.S. 10-year Treasury yield. This is the interest rate paid on U.S. Treasury debt. These financial instruments are generally considered risk-free and their yield is *the* benchmark of global economic stability.

Today the price of oil is \$89/gallon. If OPEC acts to restrict supply it will do so to defend a \$100 price floor. What effect will this \$11.00 price change have on U.S. 10-year Treasury yields?

How confident are you with your answer?