Project Skeleton

1. R-U conflict raised energy interest
2. Use energy data found trend in wind win over solar and nuclear
3. Use SLR model on E of Wind~ Year, of both countries Germany and Poland
   1. First fit to calculate lambda of BoxCox
   2. Use lambda to do transformation
   3. Retrain SLR and get prediction for next 15 years (Unit terawatt-hour)
4. Assume accelerated adoption after conflict
   1. Use China lambda as fastest case 0.06
   2. Use mid of (China lambda and country current lambda) as slower case G0.16 and P0.2
   3. Note: Germany lambda=0.34, Poland lambda=0.26, China lambda=0.06
5. Check total float wind energy availability in each country (G and P), make sure projection does not meet the ceiling
   1. Total available wind energy
   2. Wind energy conversion rate
   3. If projection hit ceiling, apply sigmoid (logistic regression) model, if not, keep accelerated model
6. Bring out two key wind turbines players, Vestas and Gamesa
   1. Germany and Poland business as % of Vestas and Gamesa total business
      1. This could be a regression model
7. Project Vestas and Gamesa revenue in next 15 years
   1. With three business scenarios
      1. Pre conflict—projection lower bound
      2. Post conflict mid acceleration -- projection
      3. Post conflict fastest rate – projection upper bound
8. Conclude investment advice
9. Risk and challenges