**Project Ideas**

***Project flow for these would be the same as Tan’s diagram***

1. Question: What are the most important metrics involved in an NFL football team making the playoffs? (Can do this for any preferred sport)
   1. Acquire stats from multiple sites like….
      1. <https://www.footballdb.com/stats/teamstat.html?group=O&cat=T&yr=2020&lg=NFL>
      2. http://nflsavant.com/about.php
2. Can we develop a facial recognition software to predict sex / age range / race based off of a picture?
   1. Scrape data (pictures) off of FB friends or other source.
   2. Develop and/or optimize code.
      1. Example: <https://towardsdatascience.com/a-beginners-guide-to-building-your-own-face-recognition-system-to-creep-out-your-friends-df3f4c471d55>
3. Are their regional considerations to cause of death in the United States? (by state or county??)
   1. Using CDC data…. <https://wonder.cdc.gov/controller/datarequest/D76;jsessionid=1C4B056DAFC4F5992AEAD51B464A>