Idea 1: Lakers defense

Lakers recently lost a couple of games since they had lost the major force Lebron James and Rajon Rondo. Even Lakers places at 8th seed on West Coast now, they are not secure to get into playoffs if they have a poor defensive performance. The Lakers has had a poor defensive performance this season. Therefore, this project is to use multiple datasets from stats.nba.com/ [www.basketball-reference.com](http://www.basketball-reference.com) to see in what defensive strategy has to change it in order to improve the efficiency on every defensive play for Lakers to get into playoffs and win a final. These datasets contain a bunch of useful information such as assists/ blocks/ the efficiency of each player. It’ll be helpful for Lakers to develop effective strategy to against its opponents.

Idea 2: Housing from San Francisco Bay Area

Housing has been increasing since 2012. The places that are around San Francisco Bay Area become unaffordable. For this project is to use the data to help first-time home buyers to predict the best buying period by analyzing the housing trends over the past years. I’ll use the data from California association of realtors (<https://www.car.org/marketdata/data>) and national association of realtor(<https://www.nar.realtor/research-and-statistics/housing-statistics/housing-affordability-index>) because they have a lot of information such as monthly index/ median home price/ affordability index over many years.

Idea 3: Car purchase

Buying a car is huge expenses, selecting a good car can save you a lot of money spending on fixing your car or adding gasoline (some cars have better miles per gallon). For this project is to help potential car owners to select and negotiate a great price to purchase a car. Also, helping buyers to predict how much money they got to spend in the long run.

<https://www.kaggle.com/jpayne/852k-used-car-listings>: it contains 1.2 million used cars information, which it’s very useful to compare the price among different brands

<https://www.kaggle.com/CooperUnion/cardataset>

<https://www.kaggle.com/elikplim/car-evaluation-data-set>: having the data of maintenance cost and buying price, which can be used to compare the total cost of owning a particular type of car