- Project Proposal Data Science Boot camp (Kaplan)
  By Ahmed Aloliwi:

Initially you will find from my answering on the questions below the general plan of my project.

1. What is the framing question of your analysis, or the purpose of the model/system you plan to build?

In the real estate market in booming cities, there is a great disparity in the price of real estate products especially (Apartments price) for each city. Often times it is not controlled and causes mistrust between the seller and the buyer.

The presence of this ML Model will contribute to the stability of the real estate market in general, as well as raising the satisfaction of the seller and buyer. Limits unreasonable variation in real estate prices.

2. Who benefits from exploring this question or building this model/system?

Mainly the buyer and seller. In addition, investors in the real estate field, including companies and individuals.

3. What dataset(s) do you plan to use, and how will you obtain the data?

Open dataset I find it in Kaggle for Dubai City. It was a cleaned data source for Apartments price.

4. What is an individual sample/unit of analysis in this project? What characteristics/features do you expect to work with?

I will analyze the location of the property, its area, the number of rooms and toilets, and their impact on the price of the apartment.

5. If modeling, what will you predict as your target?

The expected property price based on its location, area, number of rooms and toilets.

6. How do you intend to meet the tools requirement of the project?

Clean and filter the data as required, relying on more than one city data sources.

7. Are you planning in advance to need or use additional tools beyond those required?

Increase the data with modern and approved data from official entities.

8. What would a minimum viable product (MVP) look like for this project?

I think about MVP is a simple app that works in both iPhones and androids. the app

You will mainly focus on using input from the user to forecast apartment price.