The 1st DeepDive Challenge

House Price Estimation

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Real estate valuation is a sensitive and crucial task, and it requires experts to estimate the price or value of a property accurately. Overestimation or underestimation of a property's value can have a direct impact on the market and one's financial state. In this DeepDive challenge, participants are tasked with developing an end-to-end model that can estimate the value of real estate assets in the Tehran city.

The goal of the challenge is to build a model that can accurately estimate the price or value of a house. Participants should note that house prices are volatile and unstable and can be affected by several factors such as inflation. Thus, the durability of the models developed in this challenge is crucial.

Here are some key details about the dataset provided to you:

1. The houses in the dataset are from the Tehran city.
2. The ground-truth values, which have been generated by real estate agents, can contain a small degree of subjectivity.
3. No preprocessing or transformations have been applied to the data.
4. The dataset is relatively small and can be insufficient for perfect results.

The simplest objective of this challenge is to estimate the price of a house accurately. However, participants are encouraged to consider more sophisticated problem definitions and approaches based on the dataset, such as building a machine learning model to detect subjective pricing by human agents and regulating house pricing accordingly.