

TechTonic Shift

HATCH YOUR PLAN

Problem Statement

Estate Ltd., a multinational real estate company, wants to penetrate the Indian market. The business leverages data analytics knowledge and algorithms to buy properties for less than their market values and sell them at higher prices. For the same objective, the corporation has gathered sales data of the properties in the Indian market.

In order to do so, the company is examining potential properties to purchase. As an analytics consultant to the Estate Ltd., you are supposed to build models which you think would work best to determine the actual worth of the potential properties and propose to the board of directors whether to invest in them or not.

The **Historical.csv** file contains specifications and historical prices of available properties in the Indian market. The **Target.csv** contains the details of the properties which Estate Ltd. intends to purchase (different from the ones mentioned in Historical.csv).

The Estate Ltd. expects your business and analytical acumen to:

1. Estimate the sales price of the properties that Estate Ltd. intends to buy (mentioned in the Target.csv)
2. Draw out the useful insights which can help Estate Ltd. understand what factors drive the property prices and highlight the most important ones.

Note: “**Data Description.xlsx**” is the data dictionary file which contains definition of columns mentioned in both Historical.csv and Target.csv. The sheet “Variable Description” states the meaning of all the variables/columns and “Category Description” mentions the category details of all the categorical variables present in the dataset.

Expectations in this round: Teams will have to analyze the data to draw insights and present their recommendations and business strategy using the insights gained in the form of 2-slider summary presentation



Rules and Guidelines:

- 1) Submit a up to 2 slider presentation (excluding cover slides).
- 2) Any assumption taken must be specified in the annexures.
- 3) The final deadline of submission will be mentioned on Unstop.
- 4) For any queries, contact:
 - a) Prajwal Langde: 9527442418
 - b) Sabbarish: 9500834290
- 5) Naming convention for submission – Team Name_Institute Name_Event Name
- 6) The decision of the organizers is final and binding

