Problem-Solution fit canvas 2.0

Purpose / Vision

1. CUSTOMER SEGMENT(S) — CS

Used car buyers

6. CUSTOMER CONSTRAINTS — CC

Avoid the prediction errors. Low price vehicle rates predictions. Lack of transparency. Difficulty finding a good condition car. Maintenance the minimum costs. Presence of insurance coverage. The shortage of affordable value prediction.

5. AVAILABLE SOLUTIONS — AS

This performs analysis, data preprocessing and machine learning algorithms effectively. Car resale value prediction system aims to exploit data mining techniques on vehicle data set to assist in the prediction of the car resale value.

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

To build a model that use Regression analysis to estimate the used car prices based on some features like
- Kilometers Driven
- Fuel Type
- Manufacturing year
- Number of Owners
- Maintenance Record

9. PROBLEM ROOT CAUSE — RC

Risk factors for predicting the values and to trust the sellers, fear about the car condition, Engine condition, fuel type, mileage of vehicle and damages.

Solution for problems: Buying for affordable price, check the car condition, predict the price through the prediction analysis.

7. BEHAVIOUR — BE

- To develop or improve upon the strategic vision.
- Difficulty in predicting the values for used car prices, trusting of brokers.

3. TRIGGERS — TR

Engine condition, Kilometer driven, Accuracy of Datasets, Type of fuel, Information of year manufacturing, Maintenance record

4. EMOTIONS: BEFORE / AFTER — EM

Prediction of prices, fear about engine condition, have a right to guide them in their brought experiences. Have a condition affordable price

10. YOUR SOLUTION — SL

This project aims to deliver used car price prediction, to help guide looking to buy or sell cars and give them a better option for automotive sector. Buying a used car from a dealer can be unsatisfying experience. Therefore, to help consumers avoid falling under various problem with dealers, so customer have a right to guide them in their brought experiences

8. CHANNELS of BEHAVIOUR — CH

8.1 ONLINE
Used car will be a part of virtualization. For example, accessing and seeing all used car records in online.

8.2 OFFLINE
Buying a used car in affordable price.

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