**Project Title: Project Design Phase-I** - **Solution Fit Team ID: PNT2022TMID14437**

Commoners who are trying to resale used cars

Initially best price should be identified

Any damage in the cars must be treated properly before reselling

Used cars must be re painted

Seeing neighbors resale car in good condition at low price,wishing to resale car in a comparatively high budget

Before reselling: Afraid and expecting

After reselling: Happy and satisfied

Instead of using Linear regression algorithm, we would have opted random forest algorihtm.

Less consumption of data

Correct cost prediction

Interactive webpage

Through online customers can compare with multiple websites

Customers can also check with Reselling brokers

Customer can give feedbacks

Support can be provided to them through online

Customers should know the best price for reselling their car

They should not be cheated for low costs

We use supervised learning algorithm and can be solved using a regression technique, which is random forest.

It predicts output with high accuracy, even for the large dataset it runs efficiently. It can also maintain accuracy when a large proportion of data is missing.

CAR RESALE VALUE PREDICTION



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|  | **3. TRIGGERS TR**  What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efﬁcient solution in the news. | **10. YOUR SOLUTION SL**  If you are working on an existing business, write down your current solution ﬁrst, ﬁll in the canvas, and check how much it ﬁts reality.  If you are working on a new business proposition, then keep it blank until you ﬁll in the canvas and come up with a solution that ﬁts within customer limitations, solves a problem and matches customer behaviour. | 1. **CHANNELS of BEHAVIOUR CH**    1. **ONLINE**   What kind of actions do customers take online? Extract online channels from #7   * 1. **OFFLINE**   What kind of actions do customers take ofﬂine? Extract ofﬂine channels from #7 and use them for customer development. |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  How do customers feel when they face a problem or a job and afterwards?  i.e. lost, insecure > conﬁdent, in control - use it in your communication strategy & design. |