

→ Unguided Project, you have to do on your own as Individual

Capstone Project

- Submit to: Learnbay Batch Email ID → Batch Coordinator → learn bay support
- Submission Date: 30th June 2024
- ↳ Jupyter Notebook
↳ proper markdown, with your analysis

YOURCABS

2013-14

→ A Taxi Company

~~Uber~~

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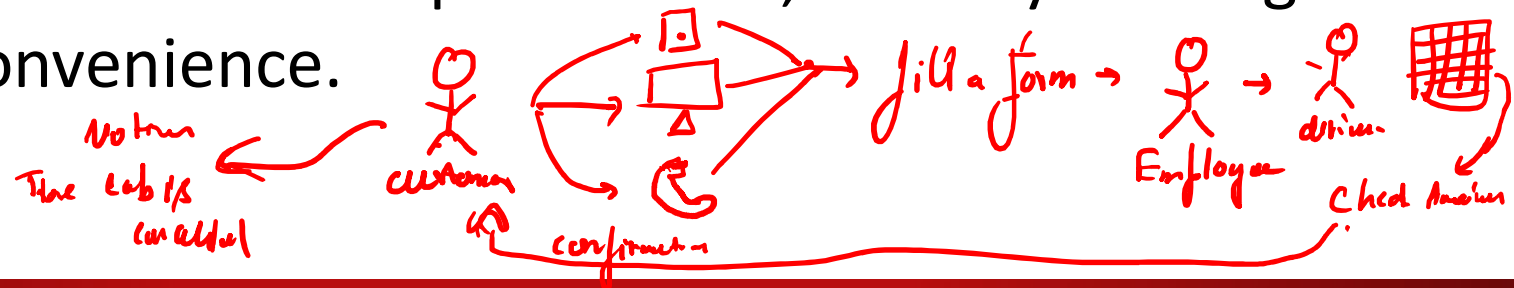
~~Rapido~~

Website, phone call

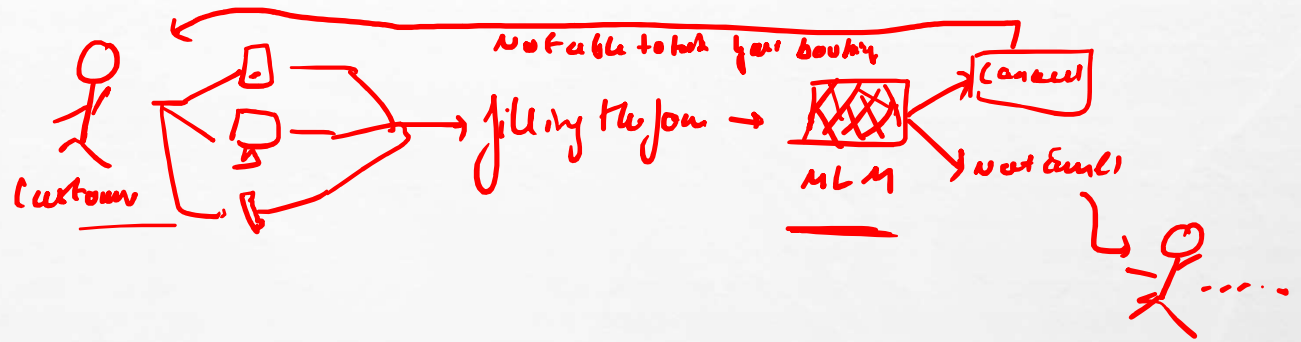
→ Airport Radio Taxi, Muro labs

The business problem tackled here is trying to improve customer service for YourCabs.com, a cab company in Bangalore.

The problem of interest is booking cancellations by the company due to unavailability of a car. The challenge is that cancellations can occur very close to the trip start time, thereby causing passengers inconvenience.



YOURCABS



The goal of the competition is to create a predictive model for classifying new bookings as to whether they will eventually get cancelled due to car unavailability.

YOURCABS

Data Dictionary



- id - booking ID → drop + unique →
- user_id - the ID of the customer (based on mobile number) → unique
- vehicle_model_id - vehicle model type. → Swift, Wagon R, Brio, Range Rover, L
- travel_type_id - type of travel (1=long distance, 2= point to point, 3= hourly rental). →
- package_id - type of package (1=4hrs & 40kms, 2=8hrs & 80kms, 3=6hrs & 60kms, 4= 10hrs & 100kms, 5=5hrs & 50kms, 6=3hrs & 30kms, 7=12hrs & 120kms) → Only Applicable for hourly Rentals
- from_area_id - unique identifier of area. Applicable only for point-to-point travel and packages → Pickup Place
- to_area_id - unique identifier of area. Applicable only for point-to-point travel → Destination
- from_city_id - unique identifier of city →
- to_city_id - unique identifier of city (only for intercity) →
- from_date - time stamp of requested trip start → 20 Jun 9 AM
- online_booking - if booking was done on desktop website → 0, 1, 0, 1, 0
- mobile_site_booking - if booking was done on mobile website → 0, 1, 1, 0, 0
- booking_created - time stamp of booking → 15 Jun 1 PM
- from_lat - latitude of from area →
- from_long - longitude of from area →
- to_lat - latitude of to area →
- to_long - longitude of to area →
- Car_Cancellation - whether the booking was cancelled (1) or not (0) due to unavailability of a car.

Pre-Naval, GPS of Pincate

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Target