Ocado Intern Recruitment Task

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1 Part 3.

1. Predicting delivery times per sector might be a good idea since it has been shown above that sector 1 usually takes more time to deliver the package than the other ones. I would validate it by plotting the newly calculated estimated time per sector and compare it to the real values.

2. Since I am a Data Science major, I would create an AI regression model to calculate the estimated delivery times. The model can validate itself with the usage of accuracy and F-1 score metrics.

3. Recipients not answering the phone when the package is being delivered, the distance from entrance, weather condition, no parking spots.

4. Weather conditions for each day, emergencies of a delivery man, traffic patterns.

5. Under-estimating delivery times might result in:

- long waiting times for customers what certainly would make them dissatisfied

- not enough time for the delivery man to deliver all the parcels or overtime necessity

Over-estimating might result in:

- not meeting the clients availability time

- carrier spending more time in work than estimated which might result in overtime as mentioned above