$1_Frame_the_problem_and_look_at_the_big_picture$

April 11, 2021	
1. Define the objective in business terms.	
Ans: To find the delay in each direction, such that person can avoid such dedirection for the given route.	elay by taking another
2. How will your solution be used?	
Ans: My solution will be used to predict delays on the route, and find the addelay is minimum such that it can be avoided.	lirection on which the
3. What are the current solutions / workarounds (if any)?	
Ans: No, there are no any current solutions pursuing my way to do prediction	on.
4. How should you frame this problem? (supervised/unsupervised, online	/offline, etc.)
Ans: I will frame this problem as supervised technique. And, I will appropriate training, and employ model to predict the future delays. The online way of employed eventhough that is the better way to deal ML problems since the detime.	of training will not be
5. How should performance be measured?	
Ans: Performance will be measured in terms of r-square error, root mean squabsolute error, because I am dealing with problem of predicting the delay which	
6. Is the performance measure aligned with the business objective?	
Ans: Yes, the performance measure is aligned with the business objective	
7. What would be the minimum performance needed to reach the business	ss objective?
Ans: The mean absolute error and mean square error to be very minimum.	

8. What are comparable problems? Can you reuse experience or tools?

9. Is human expertise available?
Ans: No human expertise is not available 10. How would you solve the problem manually
Ans: The way to solve the problem manually would be to predict delay based on past week or last day. Given the route and time of the day, or day of the week, directly infer that would be the delay on the day we want to predict the delay.
11. List the assumptions you (or others) have made so far.
And Accountions are There will be different value of delay on different direction. The direction
Ans: Assumptions are: There will be different value of delay on different direction. The direction with the minimum delay will be the route and the direction the user will want to take to avoid the delay. The delay prediction is a regression task, and the model mainly aims to minimize the delay given the various inputs.
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