IDS\_GROUP091   
[**2019\_Cluster-DSE-IDS\_A1\_PS1.docx**](https://bits-pilani.instructure.com/courses/232/files/39608/download?wrap=1)  
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All the comments and documentation on data pre-processing , model building and RFE is available in attached notebook itself .

1. Without building any model, what are the contributing factors for traffic slowness?

Fire Vehicles

Defect in network

Point of flooding

Lack of electricity

Intermittent semaphore

1. Are you able to confirm the above findings using any two modelling techniques? Give appropriate explanation for the same.

Yes- We have built two models and those confirms the same.

1. Linear regression
2. FB \_ Prophet
3. Using Recursive Feature Elimination technique, what are the the contributing factors for traffic slowness?

We have

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**Note:** Upload the attached notebook and data2.csv file in Jupyter notebook