



**Ahmedabad
University**

CSE523 - Machine Learning

**Project 11: Identify abnormal driving behavior using
spatio-temporal analysis**

Weekly Report 4

Group: Titans

Team Members

Enrollment Number	Name
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Week four: dataset selection and understanding.

Dataset selection:

The data sources may include external data, such as traffic patterns or road conditions, as well as sensor data from the vehicle itself, such as speed, acceleration, and steering angle. The temporal component of driving behavior must also be taken into account, since some behaviors may only be considered abnormal in particular sequences or settings.

Model selection:

We are considering some models and trying to find the best model by trying them. We are also considering a combined approach of various models in order to find the best set of parameters to do effective classification.

Models in account: Ant colony, Random forest and SVM.

Final model: not yet selected