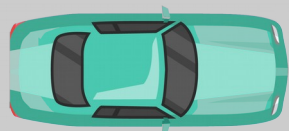


Prediction of ego vehicle
about the motion of
surrounding vehicle using
dynamic or kinematic model.

Ego Vehicle



$t = t_0$

Physics-Based Model

Surrounding
Vehicle



$t = t_2$



$t = t_1$



$t = t_0$