

fortiss

# Platooning Team

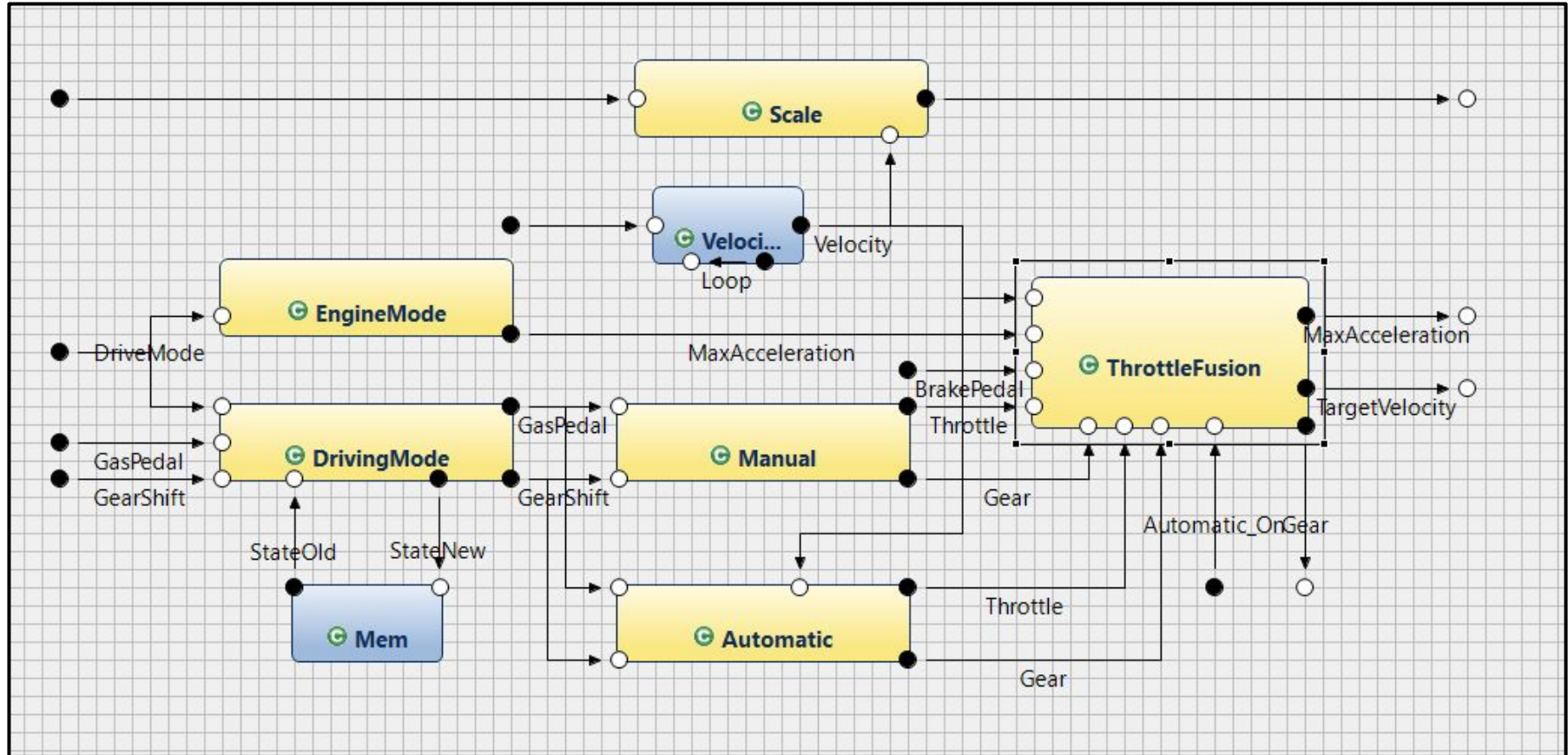
AF3 Models

May 2, 19

# Content

- Manual Driving
- Driver Assistance
  - Lane Keeping
  - Adaptive Cruise Control

# Manual Driving



# Manual Driving

## Inputs

● → SteeringWheel

● → DriveMode

● → GasPedal

● → GearShift

● → Velocity

● → Automatic\_On

● → BrakePedal

## Outputs

→ ○ SteeringAngleMD

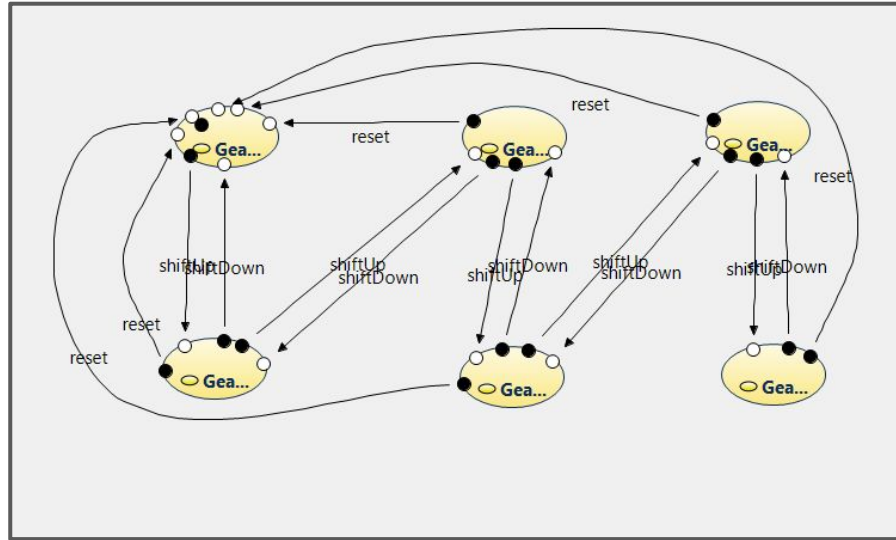
→ ○ MaxAccelerationMD

→ ○ TargetVelocity

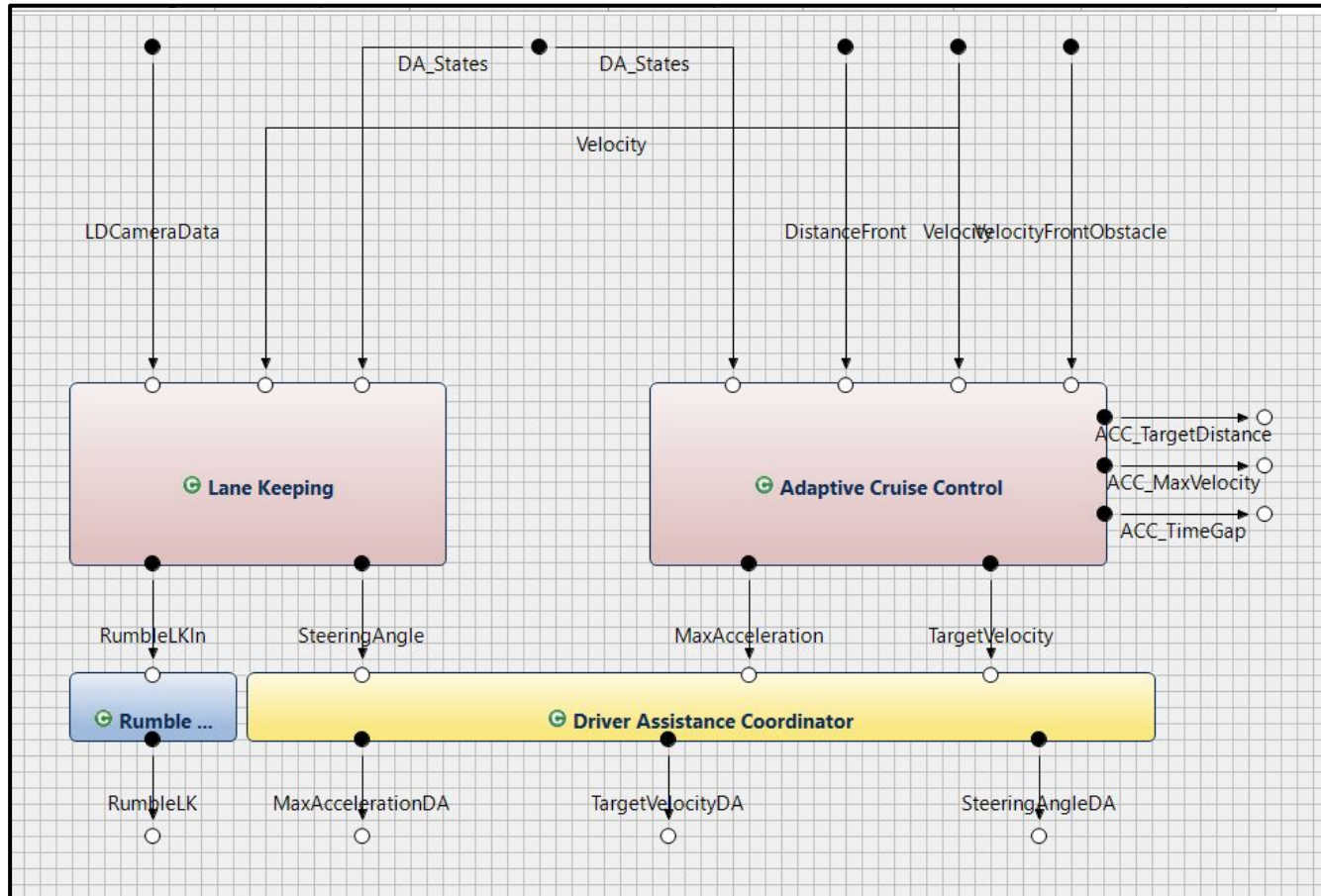
→ ○ Gear

# Manual Driving

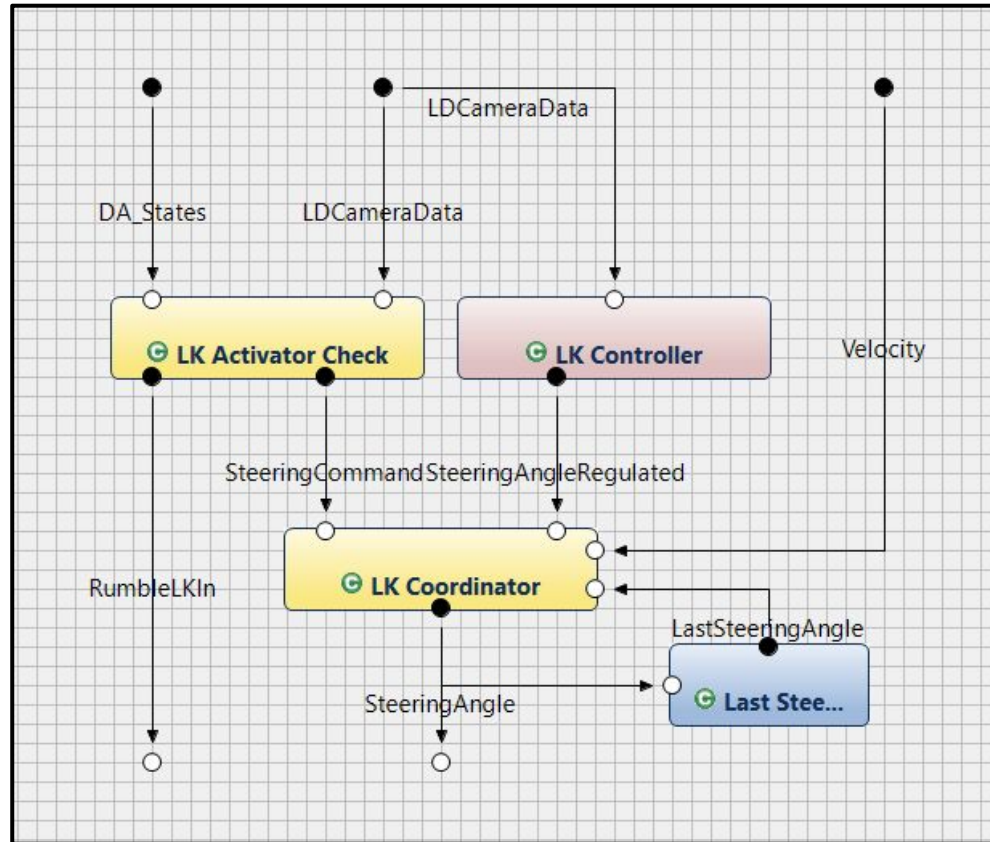
## Gears



# Driver Assistance

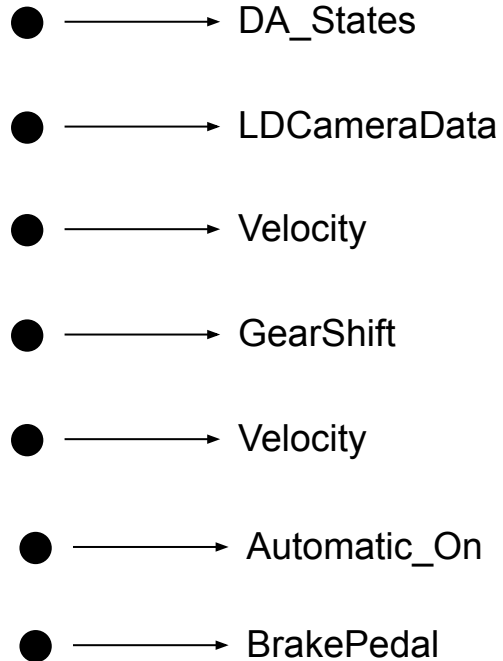


# Lane Keeping

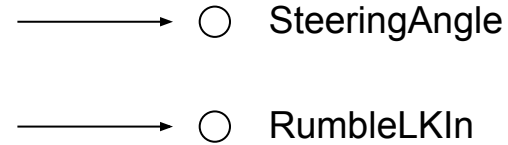


# Lane Keeping

## Inputs

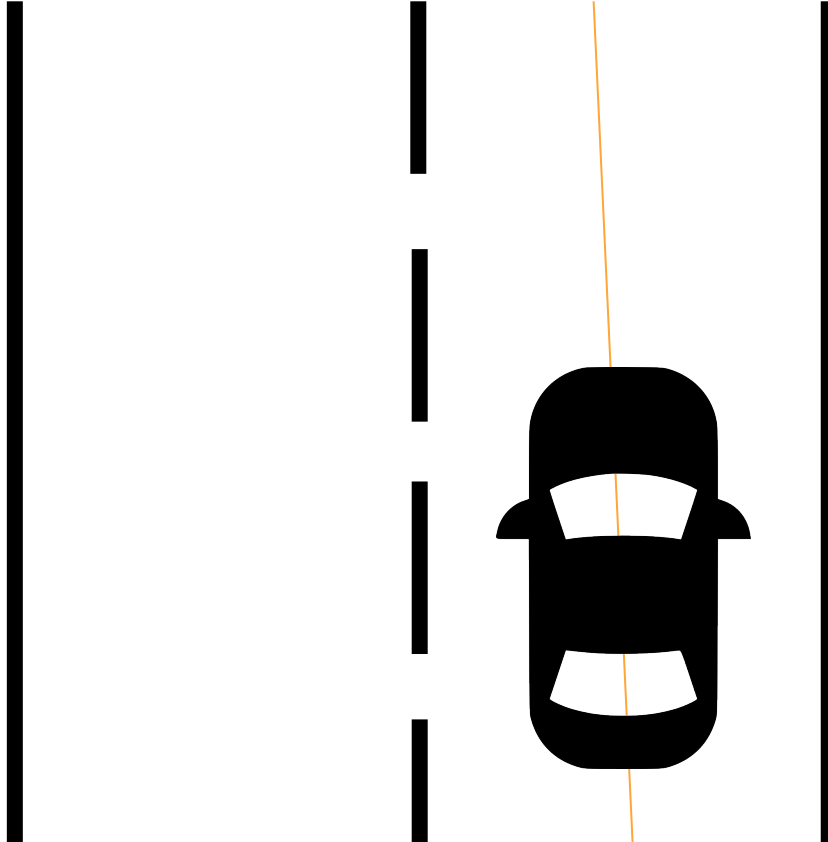


## Outputs

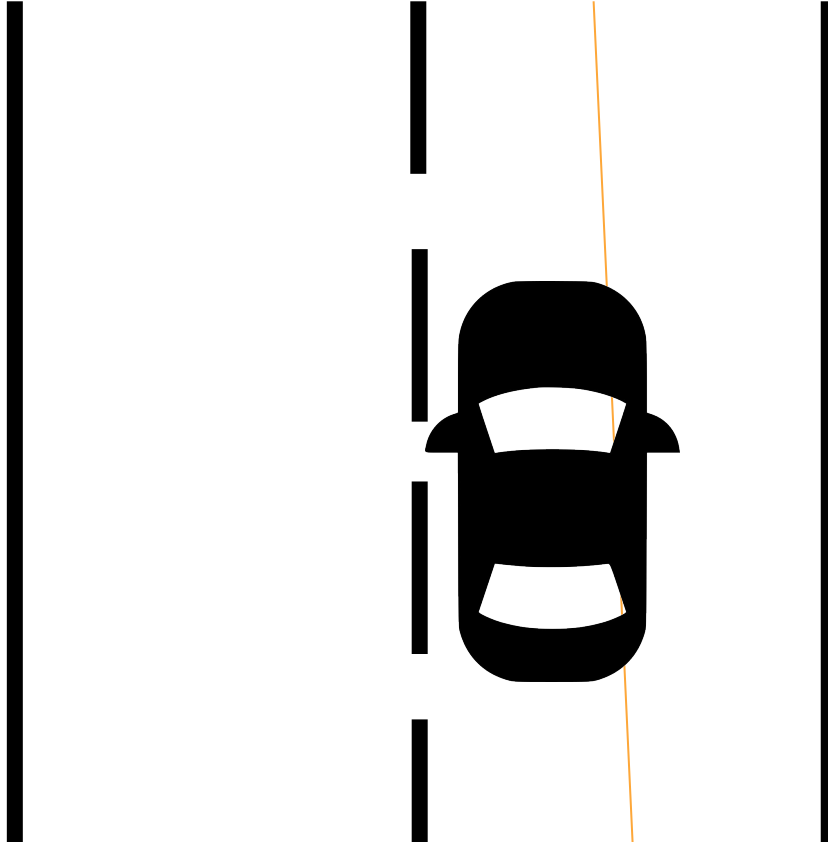




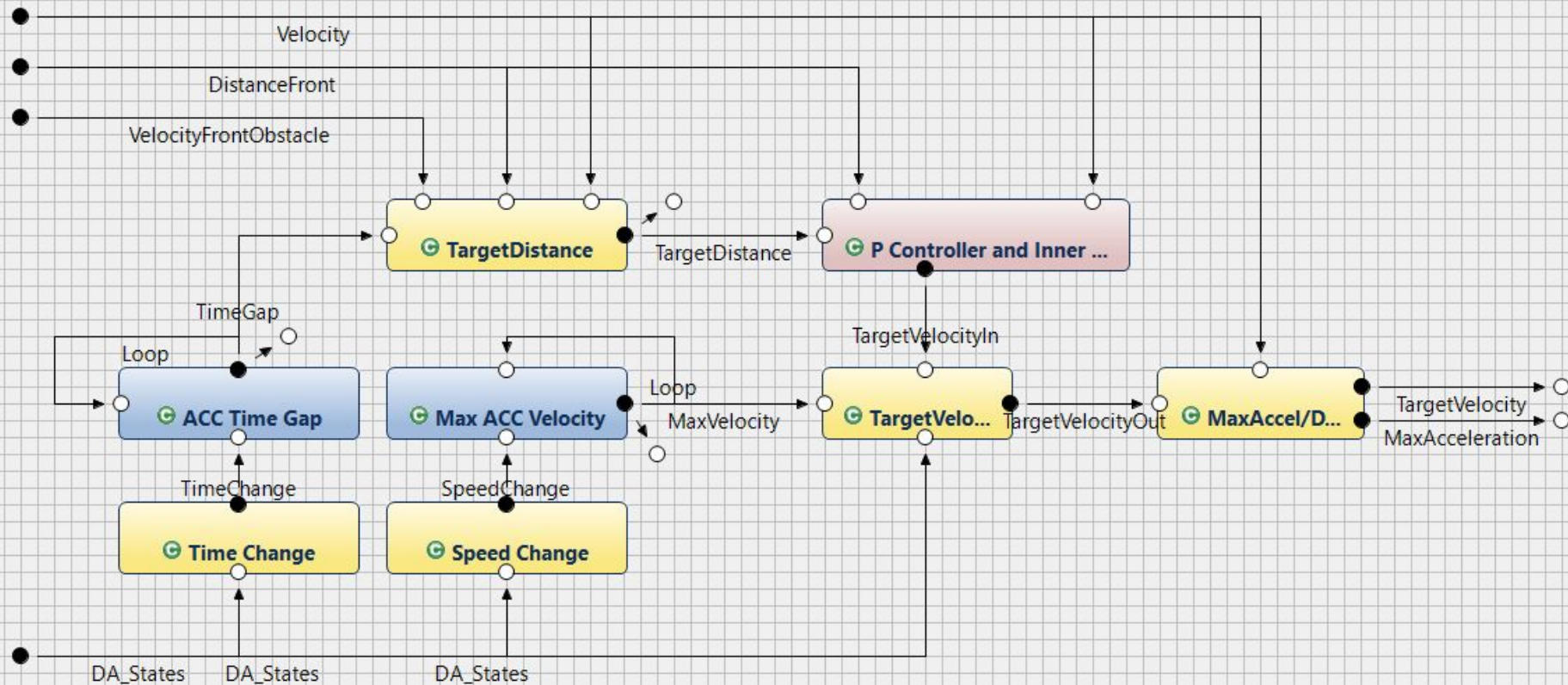
# Lane Keeping



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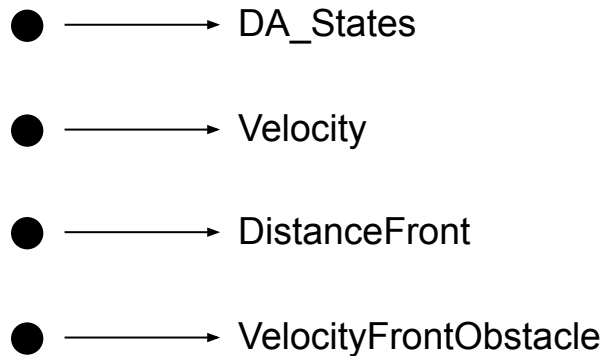


# Adaptive Cruise Control



# Adaptive Cruise Control

## Inputs



## Outputs

