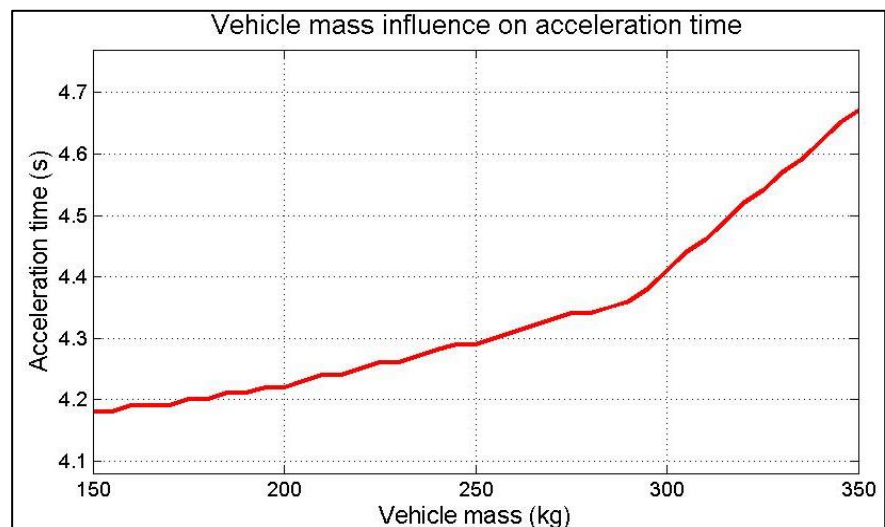# ACCELERATION SIMULATION

Parametric model of a 75m acceleration :

- Vehicle mass and center of gravity height
- Mass distribution
- Engine torque curve
- Gear ratios
- Final ratio
- Shift time

➔ Acceleration time
➔ Final ratio optimization
➔ Gearshift speeds optimization