

# Traffic Violation System (State Machine Diagrams)



Prepared for  
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## **All States and Events:**

### **States:**

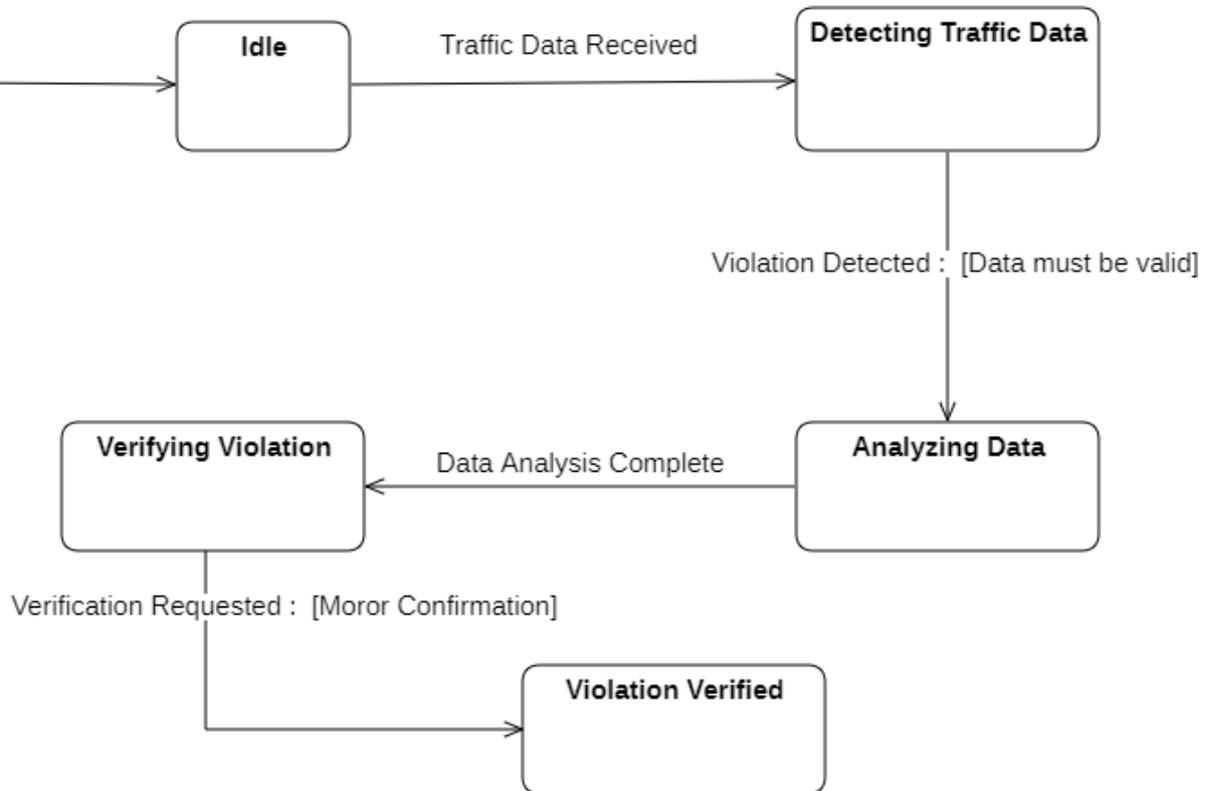
- **Idle**
- **Detecting Traffic Data**
- **Analyzing Data**
- **Verifying Violation**
- **Violation Verified**
- **Notifying Driver**
- **Notification sent**

### **Event:**

- **Traffic Data Received**
- **Violation Detected [Data must be valid]**
- **Data Analysis Complete**
- **Verification Requested [Moror Confirmation]**
- **Violation Verified [Confirm the violation]**
- **Notification sent [Valid Phone Number]**

## State Machine Diagram:

### stm Violation State



### stm Notification State

