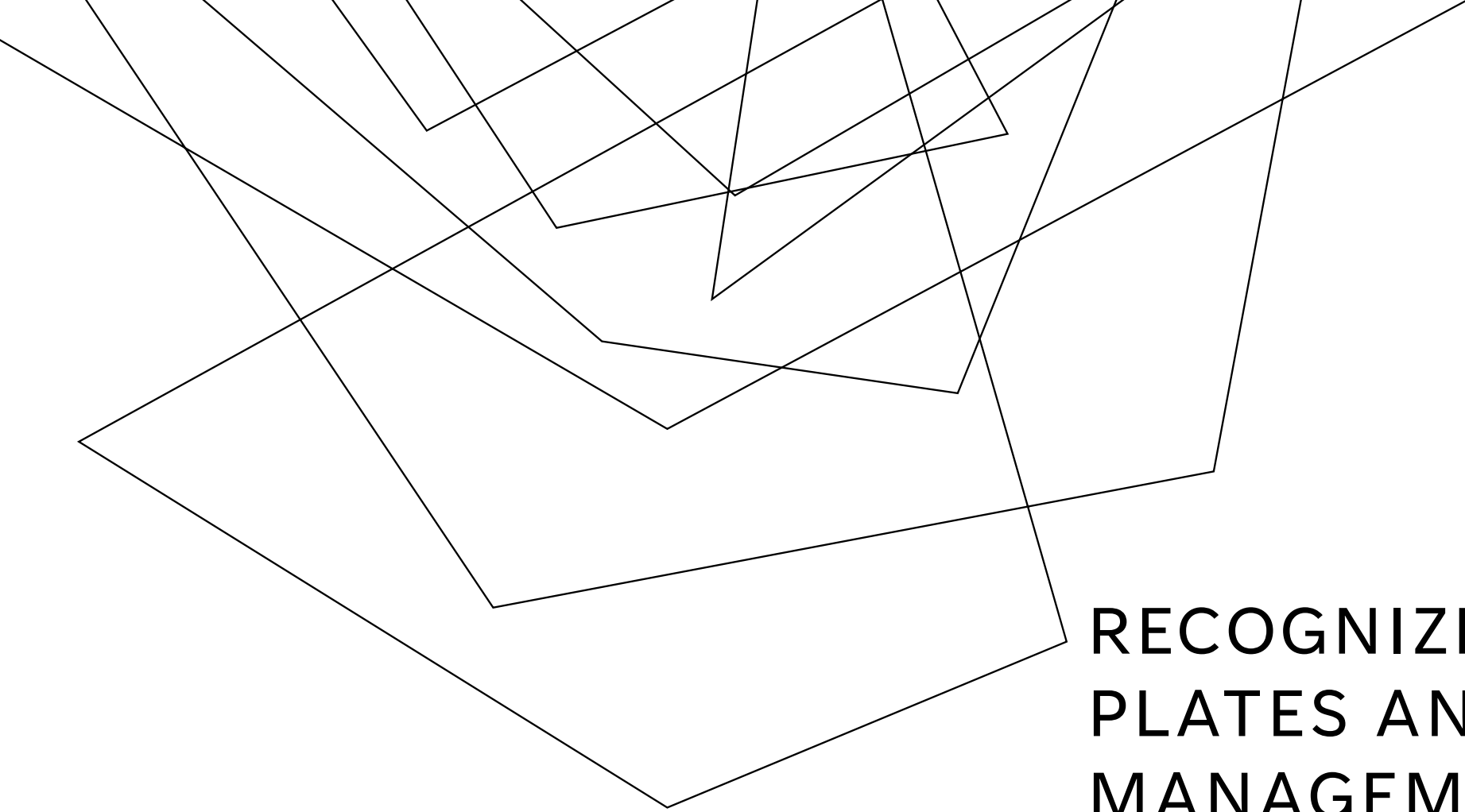


ARTIFICIAL INTELLIGENCE

PEAS ANALYSIS BY

ROHAN VENKATESHA

Abstract geometric lines in black on a white background, forming various overlapping polygons and shapes.

RECOGNIZE LICENSE PLATES AND PARKING MANAGEMENT SYSTEM

What is AI capable of doing today?

AGENDA

Introduction

Is AI Capable?

Solution

PEAS Analysis

Work Flow

Summary

INTRODUCTION

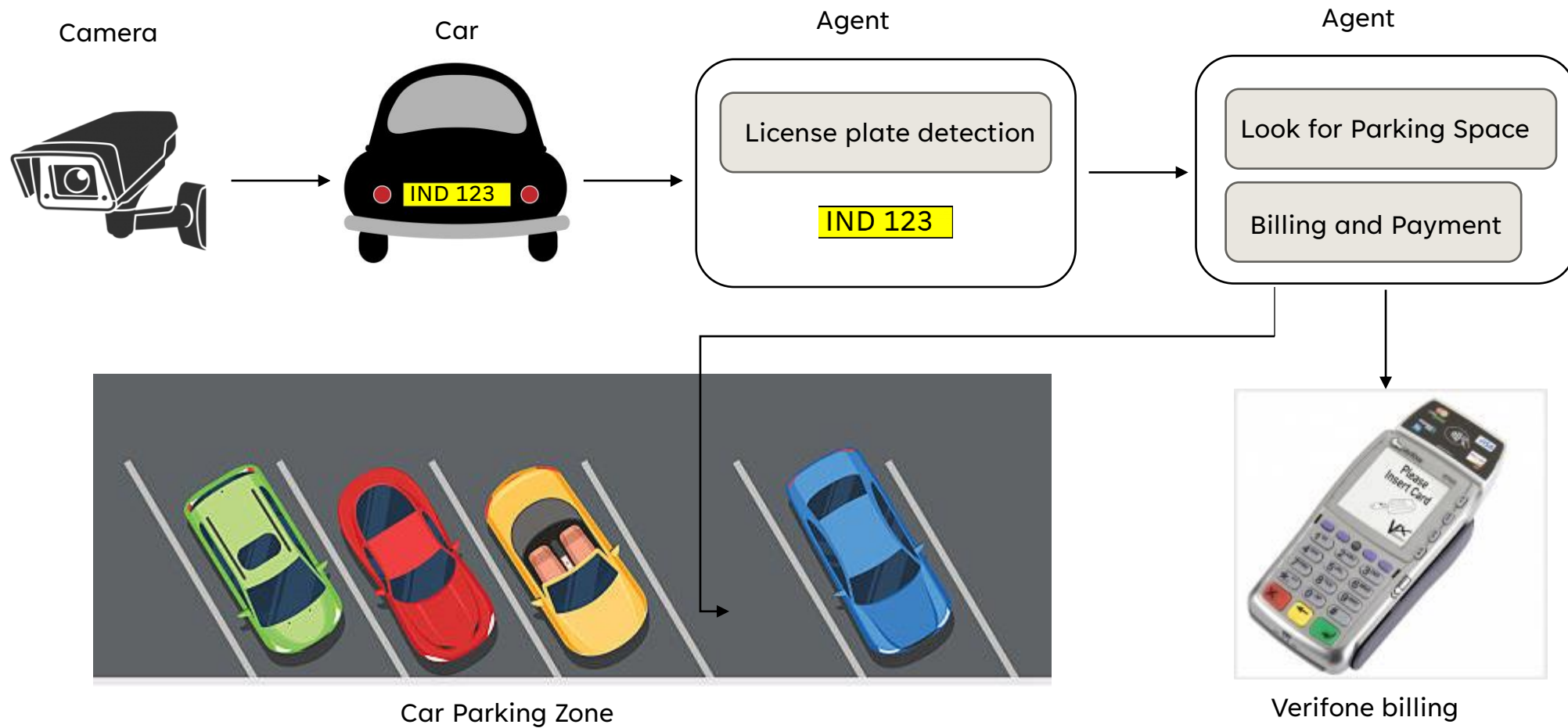
Recognizing license plates and parking management system is a challenging task in the field of computer vision and artificial intelligence.

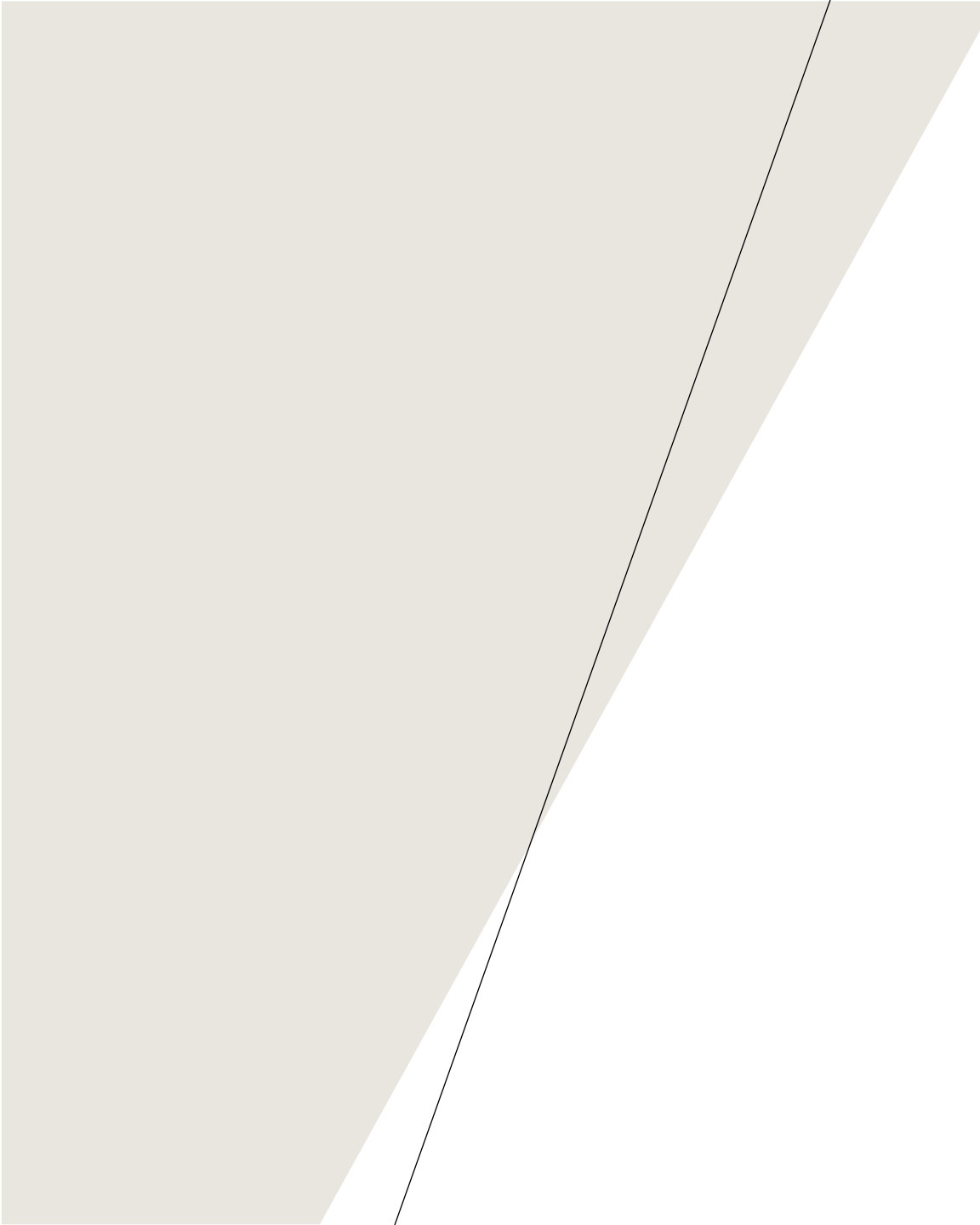


IS AI CAPABLE OF IT?

This can be solved by detecting the license plates to keep track of data and perform analysis for empty spaces, model training and detecting.

WORKFLOW





PEAS ANALYSIS FOR RECOGNIZE LICENSE PLATES AND PARKING MANAGEMENT SYSTEM

PEAS ANALYSIS

Agent Type	Performance Measure	Environment	Actuators	Sensors
License Detection And Parking Management System	<ol style="list-style-type: none"> 1. Accuracy 2. Precision 3. Response Time 4. cost-effectiveness 	<ol style="list-style-type: none"> 1. Parking lots 2. Weather conditions 3. Traffic conditions 	<ol style="list-style-type: none"> 1. Barriers or gates 2. Display screens 3. Billing and payment systems 4. Lighting controls (Indicators) 	<ol style="list-style-type: none"> 1. Camera 2. Vehicle presence sensors 3. Weather sensors 4. Payment processing systems



EXAMPLES

1. Used in the Malls or Shopping Complex Parking lots.
2. Used in Multi-storey Parking Facilities.



SUMMARY

The License Detection and Parking Management System operates in a dynamic environment, utilizing sensors for vehicle data collection and processing to ensure precise license plate recognition and efficient parking space management. Actuators control physical elements like gates and payment systems. System performance is assessed for accuracy, efficiency, responsiveness, revenue generation, and regulatory compliance.



THANK YOU