

PARKING SPOT DETECTION USING CNN



Submitted by: Ankita Bageshwar

Akhila K

Jiya Jacob

Harsha Salgunan

Kuna Bhargavilatha



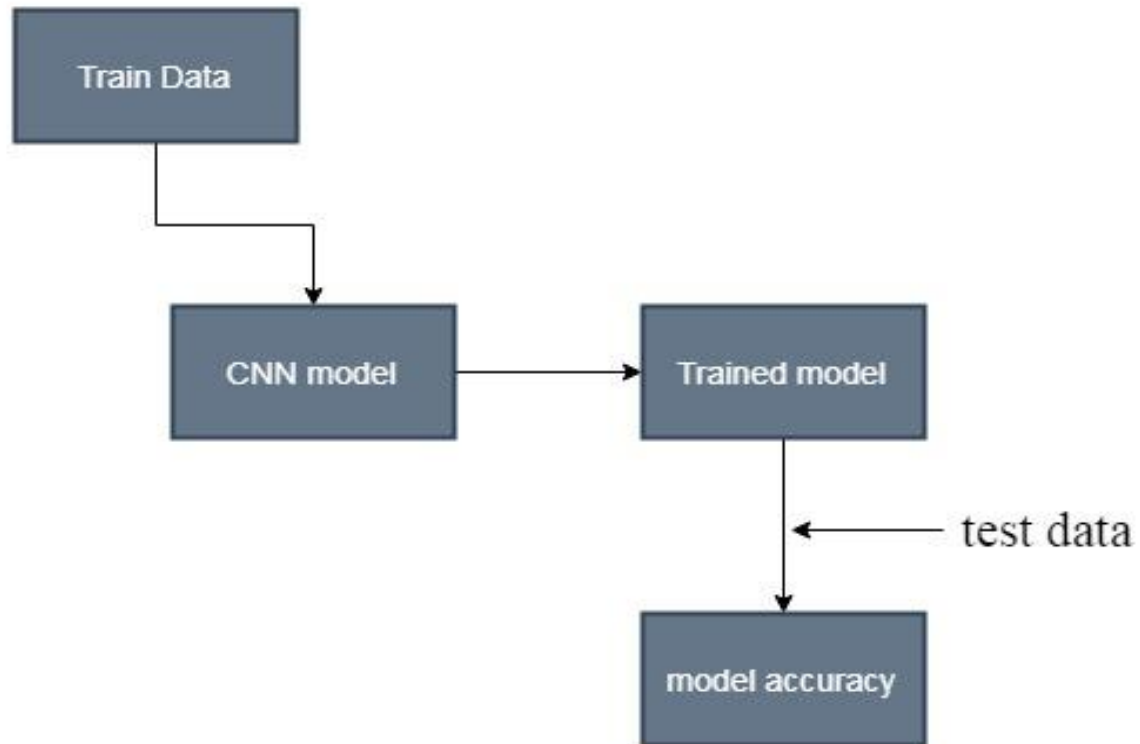
OBJECTIVE

- ❖ Design a system which reduces the time spent by the driver searching for an open parking space.
- ❖ Monitoring the status (occupied or empty) of each and every spot in the lot and collect the necessary data to alert the driver.

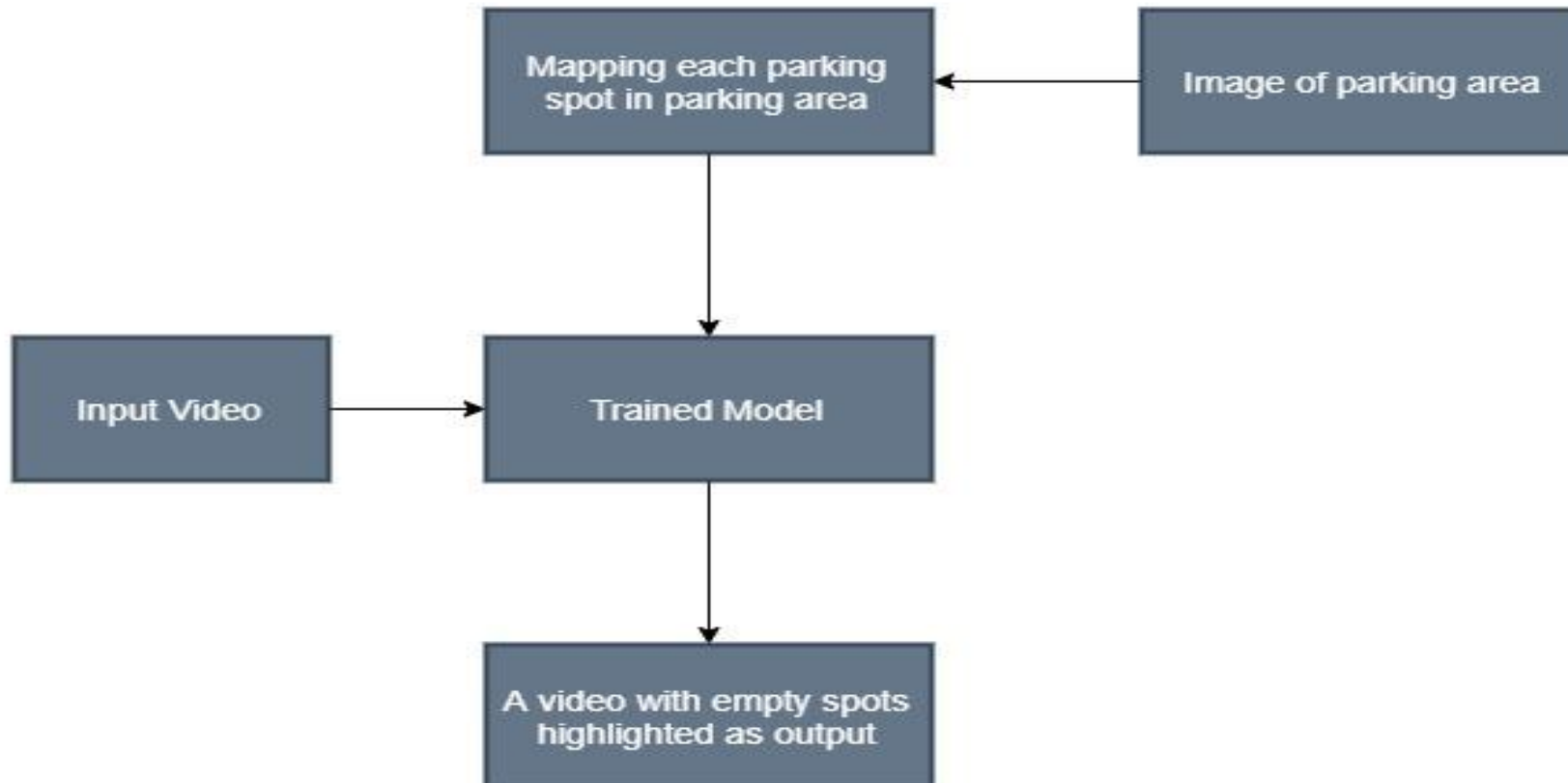
INTRODUCTION

- Solutions will fall into two categories
 - Infrastructure based ones
 - In vehicle sensor based ones
 - ~ Free spaced based ones
 - ~ Parking slot marking based ones

TRAINING THE CNN MODEL



TESTING WITH REAL-TIME VIDEO



THANK YOU