# Signs traffic Classification CNN Model

Team Member:

Raghad, Sama and Rehab

# Content

Problem statement

Methodology

Results

Conclusions



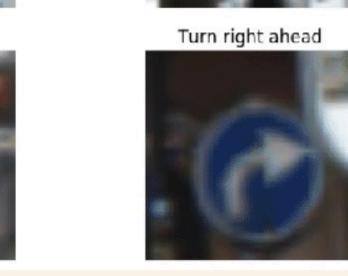
#### Problem statement

- Variability in Lighting and Weather
- Different Angles and Distances
- Occlusions





Pedestrians



Bumpy road

General caution

#### Dataset

**Traffic Sign Dataset - Classification** 

traffic Sign Data:

1- DATA

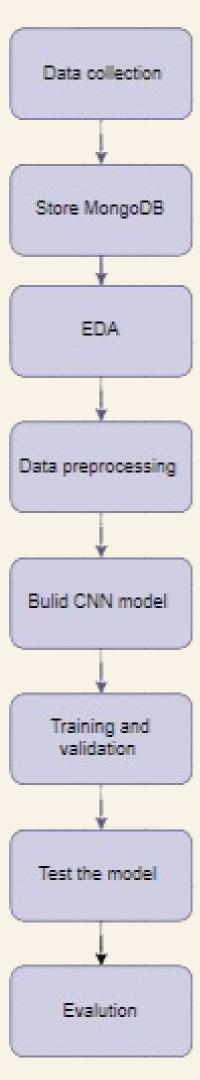
2- TEST

labels.csv



# Methodology

CNN Model



# Results

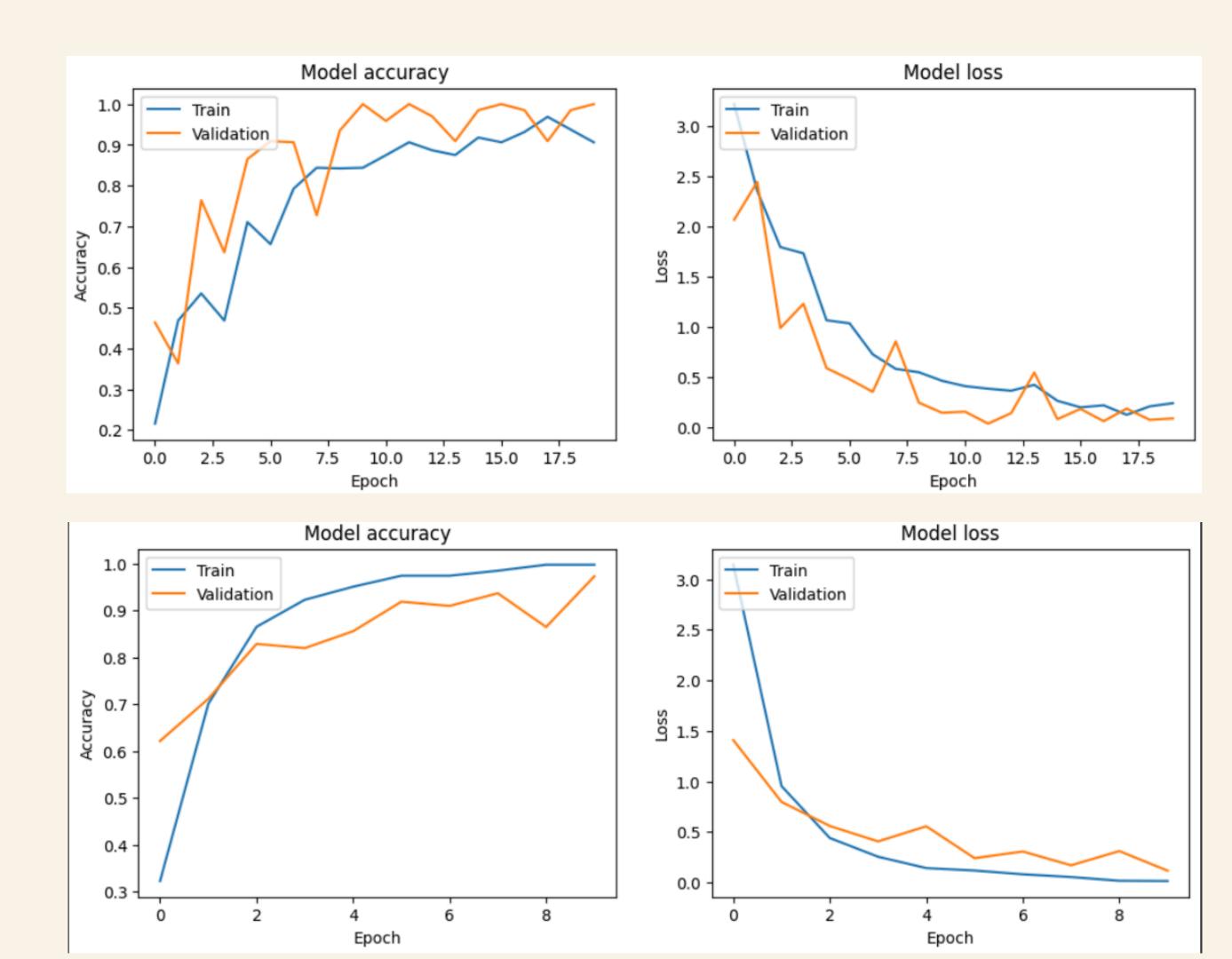
## Large datset

#### small datset

# Results

#### Large datset

small datset



# Challenges

- 1 MongoDB
- 2 Big Data
- 3- Deadline

### features work

1- Implement real-time traffic sign detection

2-Enhance the model to detect and Classification multiple signs

# thank you!