

Autowastagator

Presented by,
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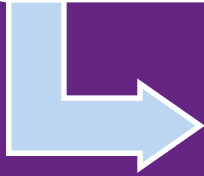
PROBLEM STATEMENT



Problem Statement

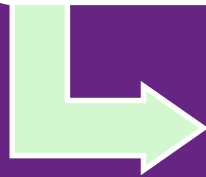
Environment
degrading
over the years

- The environment has degraded a lot in the past decade and improper waste management has a big role to play in it.



Waste
Segregation

- This concept and its benefits were explained and promoted. People knew now that separating the waste into categories could help us do our share in saving the world.



Awareness
Campaigns

- People started segregating waste, thanks to these campaigns. Slowly, waste segregation became mandatory in places, and it was starting to become a part of the lifestyle.



Giving in

- When people were busy, or tired, the environment didn't seem so important to humans anymore. Hence a solution has to be found!

PROPOSED SYSTEM



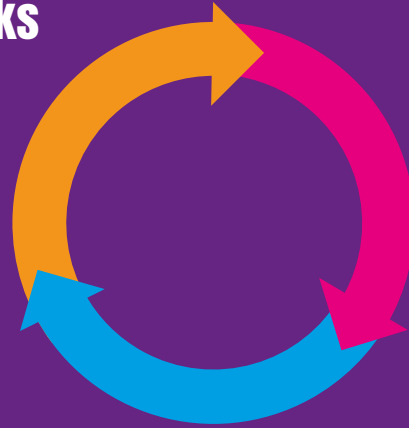
AUTOWASTAGATOR!

**A model that
segregates wet, dry
and plastic waste
automatically!**

Target users

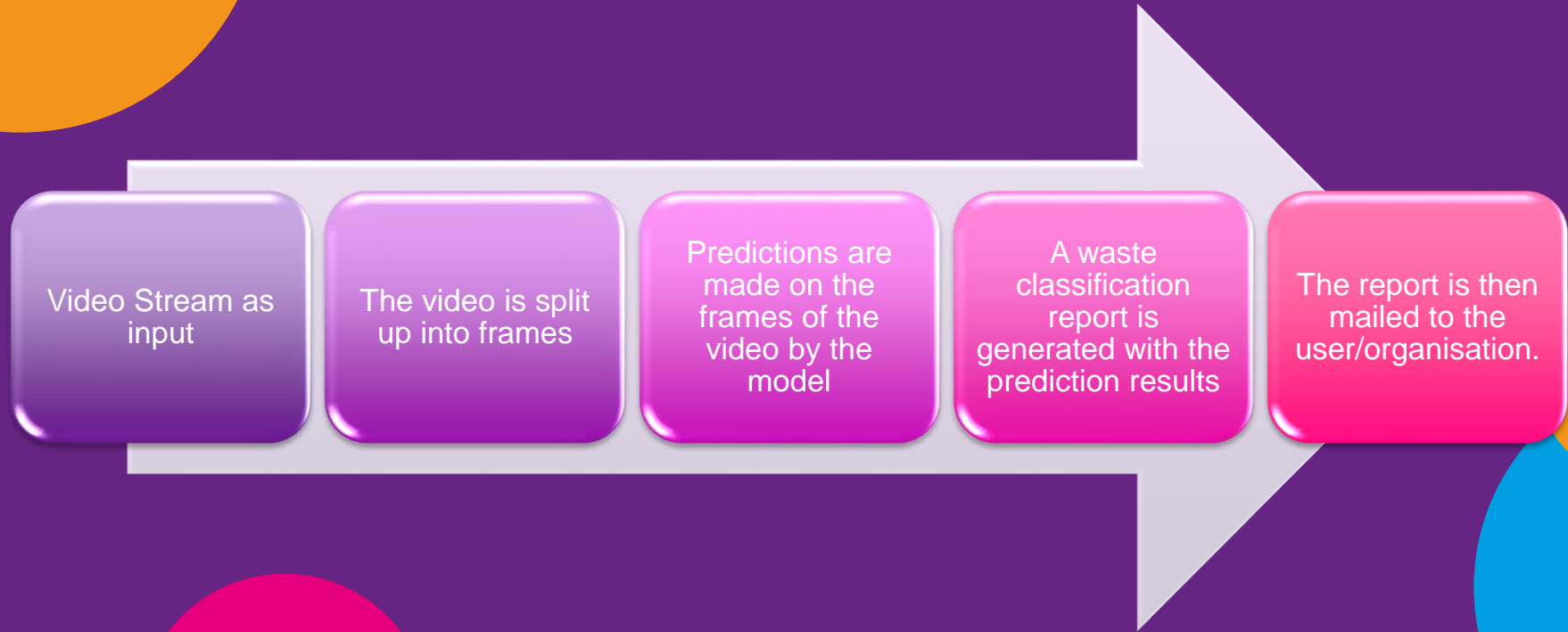
Tech Parks

Colleges

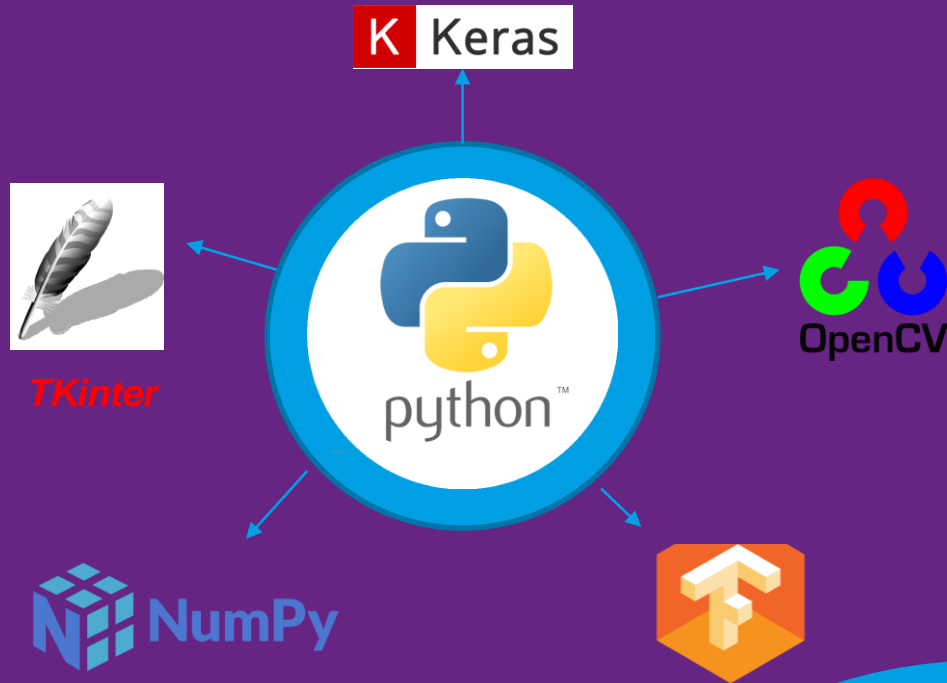


Other Large
Organisations

FLOWCHART



Technology Stack



Dataset Sources



What Sets Us Apart?



Accuracy
71%



Waste Classification Report
Analysis of data to impose
safe disposal of trash

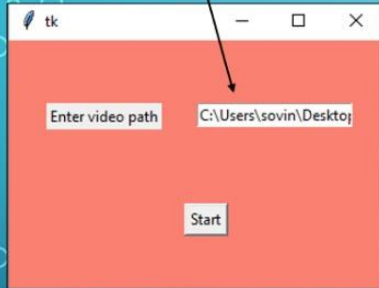


Automation of Waste segregation
Trash can be automatically
segregated with very less
human intervention!

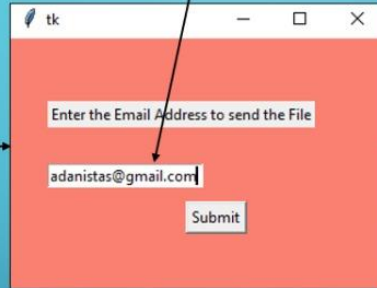
Demonstration of Project

PROCESS FLOW

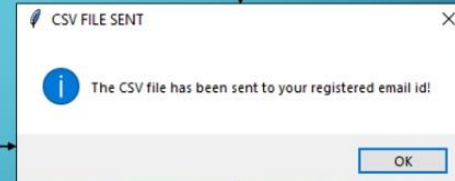
Enter the Complete path of the video for which prediction has to be made



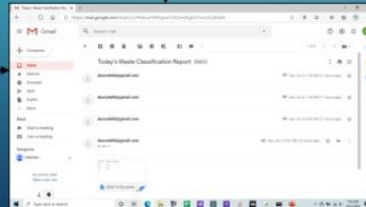
Enter the Email Address to which the CSV file has to be sent



Pop up message opens up once mail has been sent



Mail with CSV file(can also be accessed from the local computer) as attachment



Visualisation of Predictions

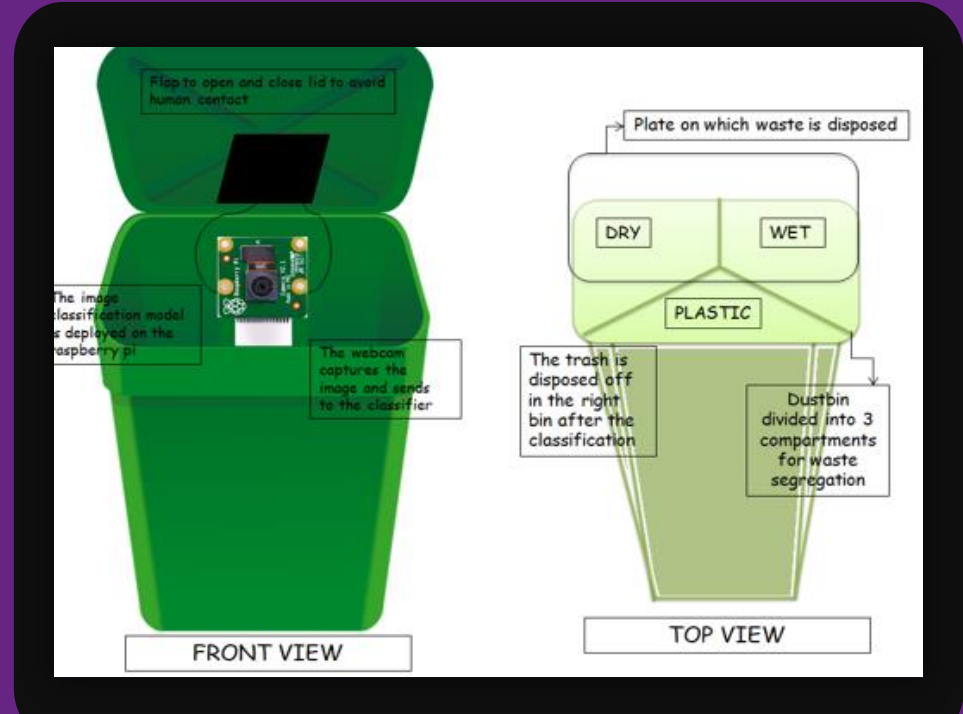


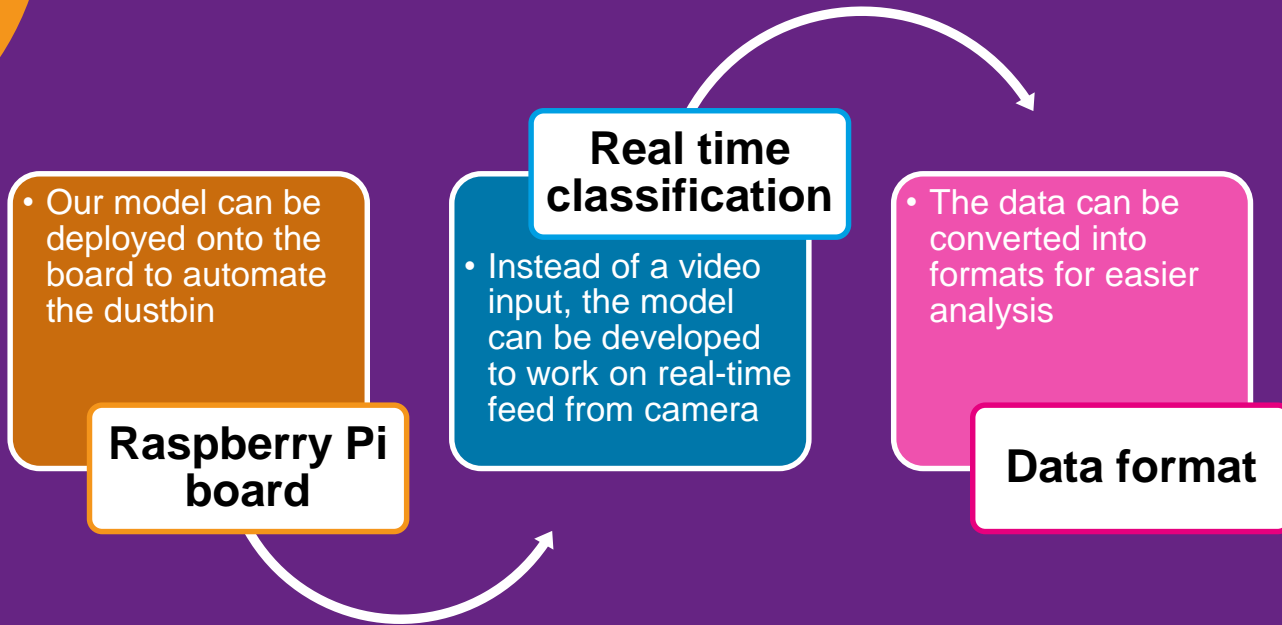
As we can see, our model got all 16/16 predictions right!

Future Implementation

Convert the data collected into a format easier for analysis

Real time waste segregation process





Future Implementation



Link to our GitHub repository:

<https://github.com/Sonali2824/AUTOMATIC-WASTE-SEGREGATOR>

Link to our Instructions and Guide:

<https://drive.google.com/file/d/1NkXdsCRu6NgmVau9nOVZkz-BKu4ltk7D/view?usp=sharing>



Link to our video with respect to the project:

https://drive.google.com/file/d/1t1j0kn3CWUSTD1A_iWmT14-93GGKXwMj/view?usp=sharing

Meet the Team

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Thank you!