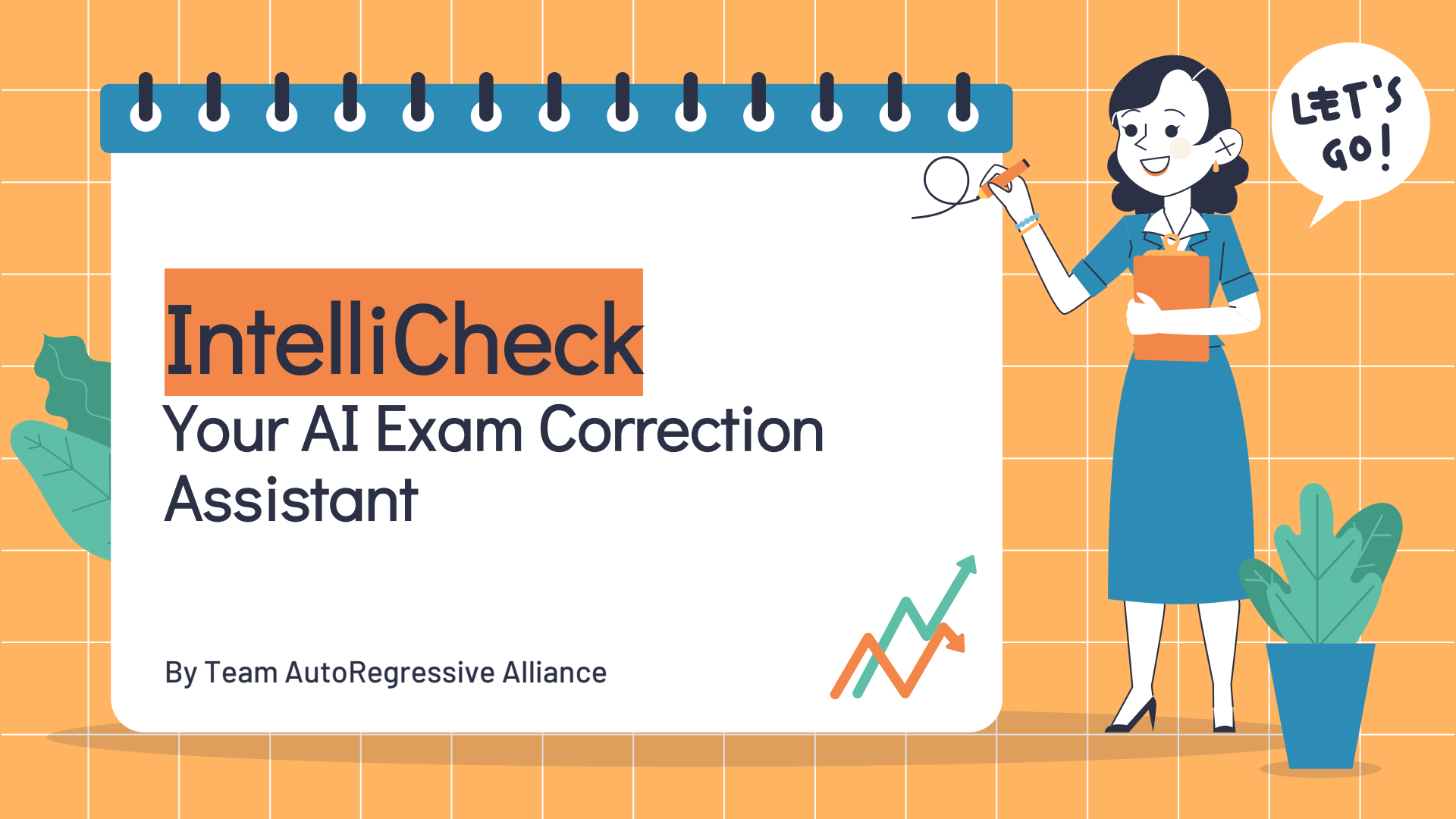
IntelliCheck

Your AI Exam Correction Assistant



By Team AutoRegressive Alliance

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Our basic functionality

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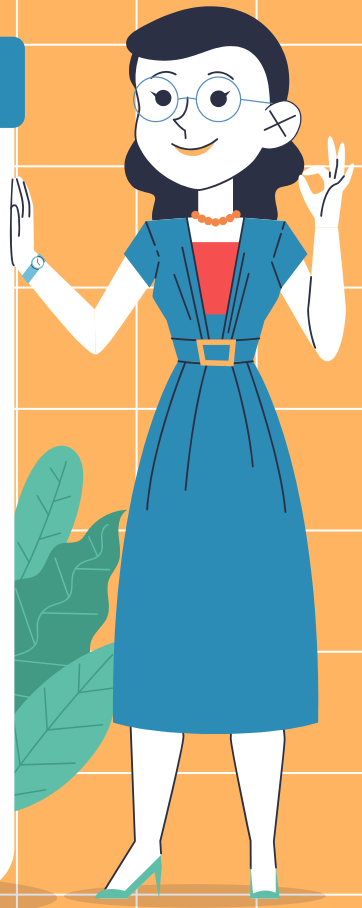
1

Introduction

How can we help teachers ?



Introduction

Correct Answer Scripts

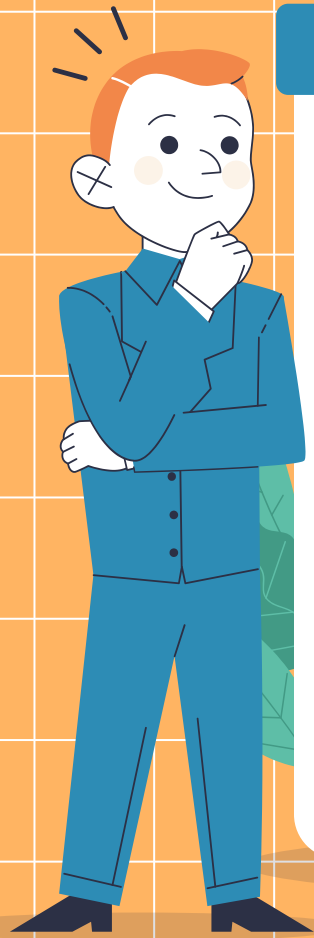
IntelliCheck scans the answer scripts and corrects them

Gives Feedback

Students get personalised feedback on why their answers

Custom Marking Schemes

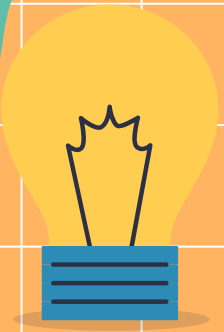
Define your own marking scheme



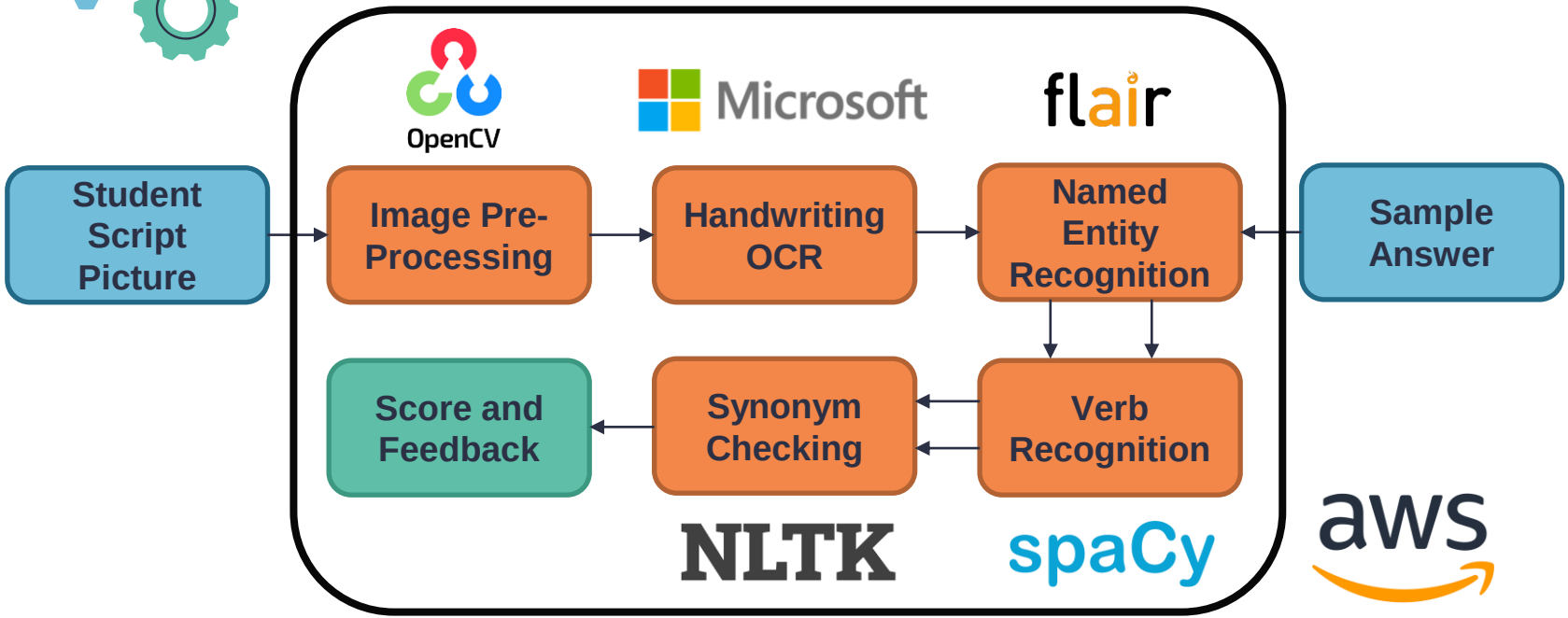
2

PipeLine

How we do it ?



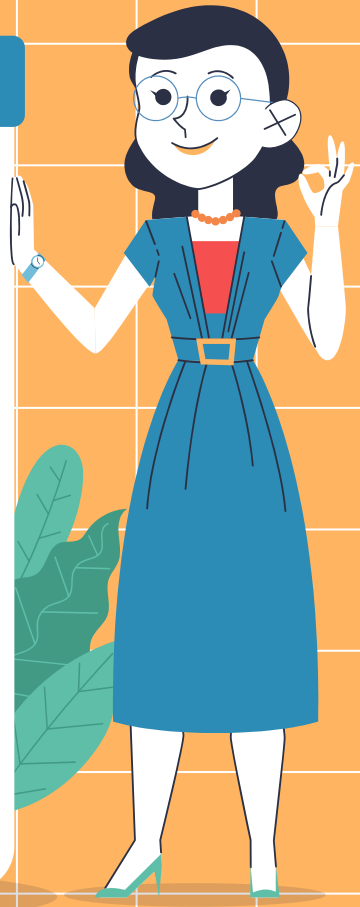
PipeLine


OpenCV
Microsoft
flair
Student Script Picture
Image Pre-Processing
Handwriting OCR
Named Entity Recognition
Sample Answer
Score and Feedback
Synonym Checking
Verb Recognition
NLTK
spaCy
aws

3

Test Cases

See our app in action



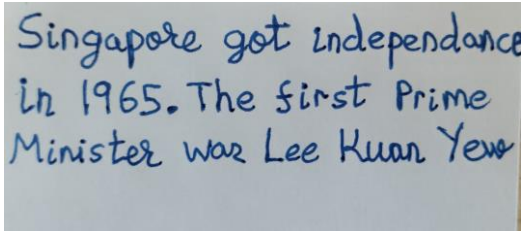
Test Cases

Question: Which year did Singapore gain independence ?
Who was the first prime minister ?

Marking Scheme:
2 Marks Total

1) ‘1965’
2) ‘Lee Kuan Yew’

Student Answer:



Results:
This answer gets: “2"
The errors are:

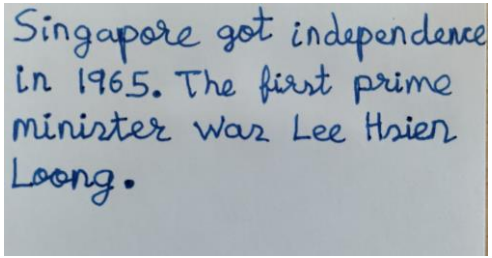
Test Cases

Question: Which year did Singapore gain independence ?
Who was the first prime minister ?

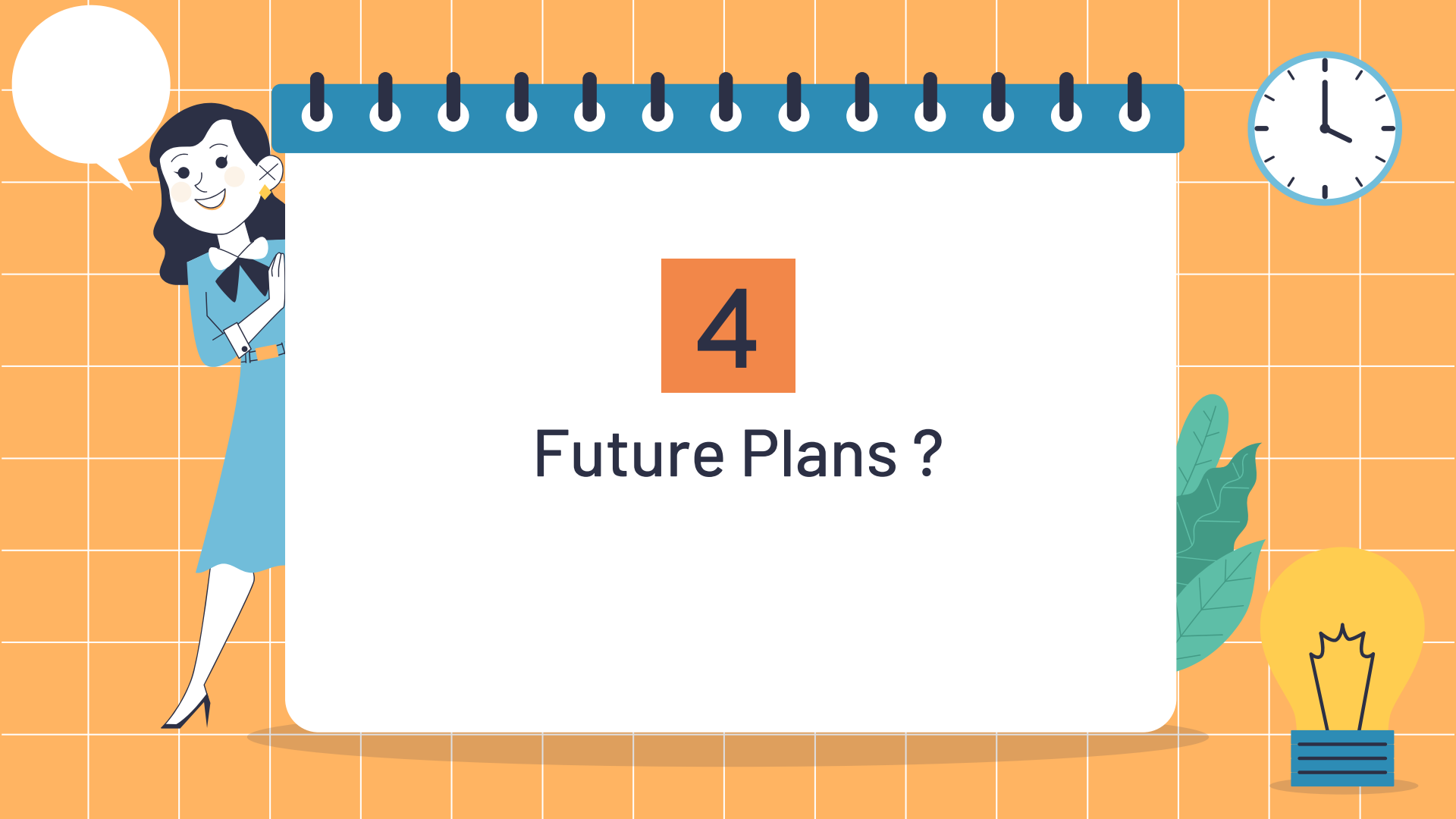
Marking Scheme:
2 Marks Total

1) ‘1965’
2) ‘Lee Kuan Yew’

Student Answer:



Results:
This answer gets: “1"
The errors are: You didn’t include the PERSON ‘Lee Kuan Yew’


4
Future Plans ?

Future Plans

UpScale
Support for multiple questions and exams

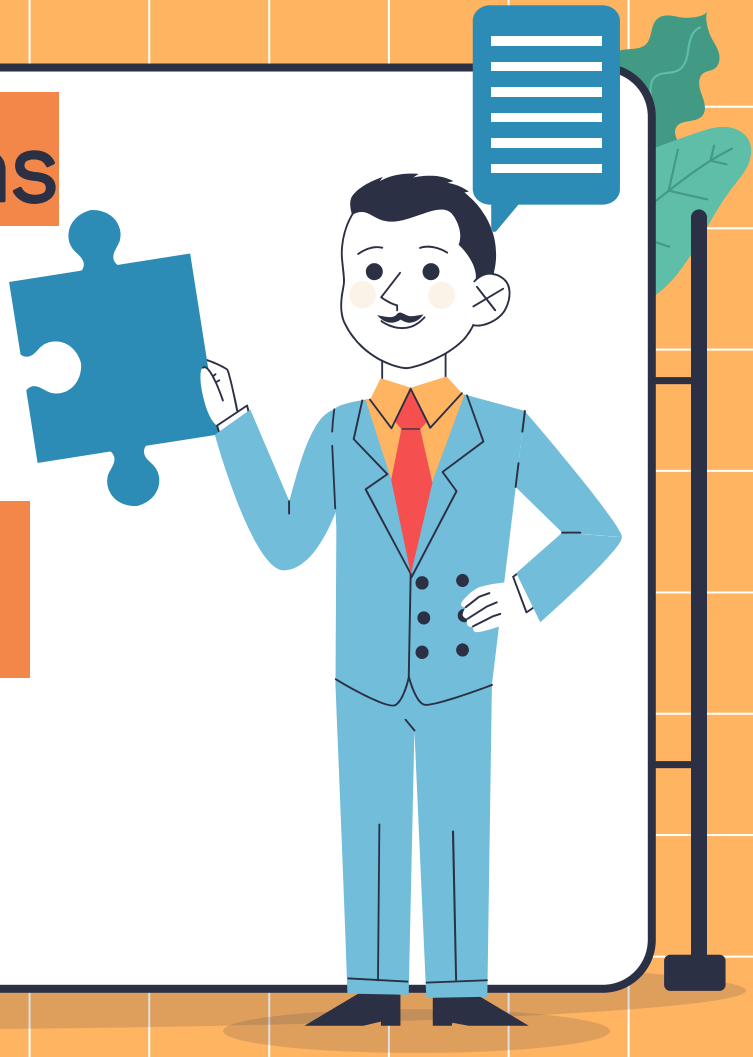
1

More Feedback
Generates detailed pdf report for feedback

2

Analytics
Detailed Analysis Report for the Teacher

3



Thanks!

Team: AutoRegressive Alliance
Harsh Rao Dhanyamraju
Sanskar Malavade
Kshitij Parashar

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