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OF TECHNOLOGY**

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# **BOKAMOSO STUDENT SUCCESS PORTAL**

**ENHANCING STUDENT SERVICES THROUGH TECHNOLOGY: THE CASE OF VAAL  
UNIVERSITY OF TECHNOLOGY STUDENT SUCCESS PORTAL**



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# PRESENTER DETAILS

- **Dr. Muntuwenkosi Chili (VUT)**
- **Ms. Tisetso Mohloai (VUT)**
- **Mr. Monale Tabane (VUT)**
- **Mr. Atos Malope (VUT)**
- **Mr. Rabapane Moyahabo (VUT)**



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# Outline

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- Current student success
- Key indicators
- Current status quo
- BQ
- Strategies employed
- Status of the system
- Bokamoso Student success portal Launch
- Initiatives towards Siyaphumelela 3.0
- Challenges



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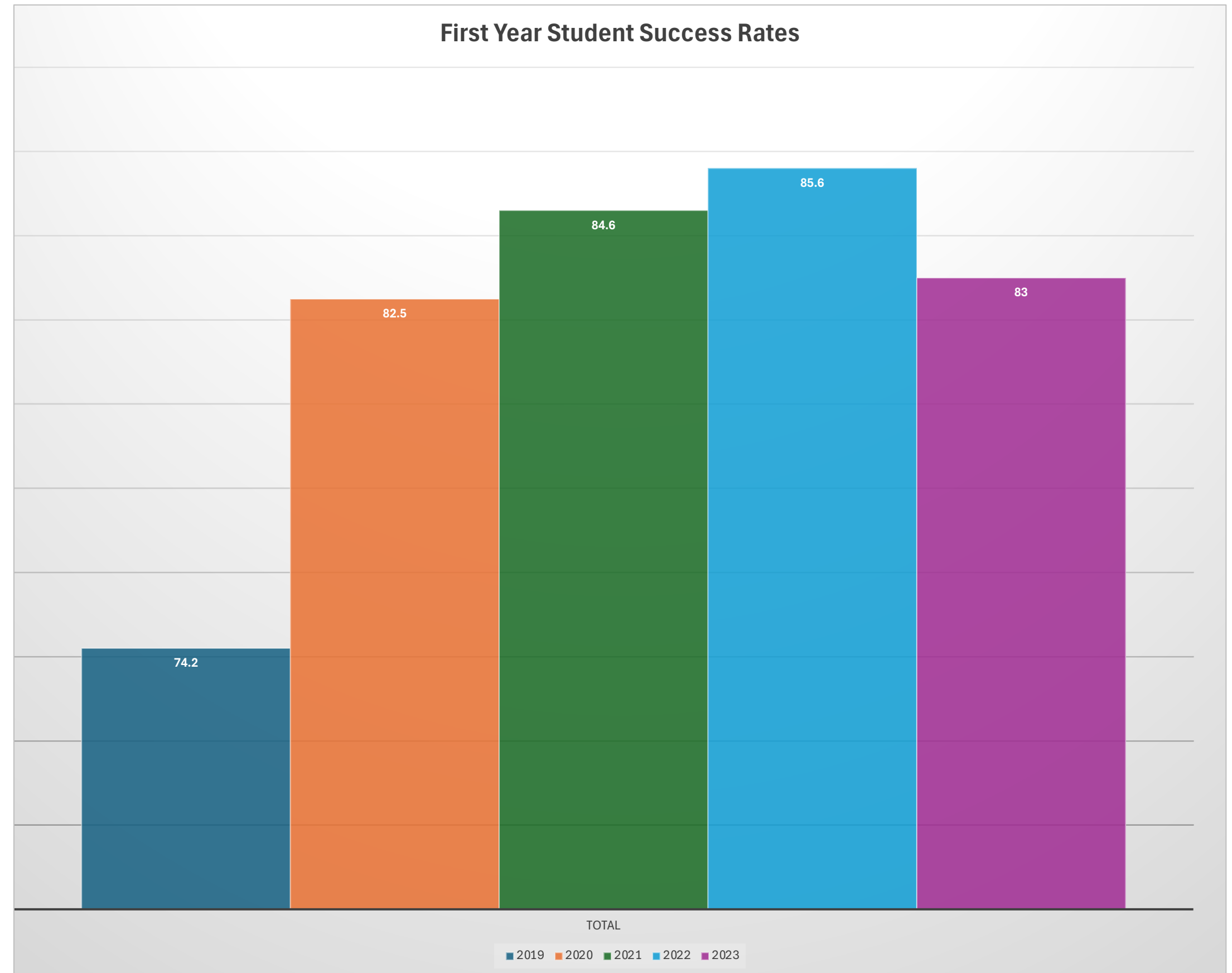
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# Student Success Rates for First Years



# Key Indicators

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- BQ
- LMS interaction
- Assessment performance
- Financial



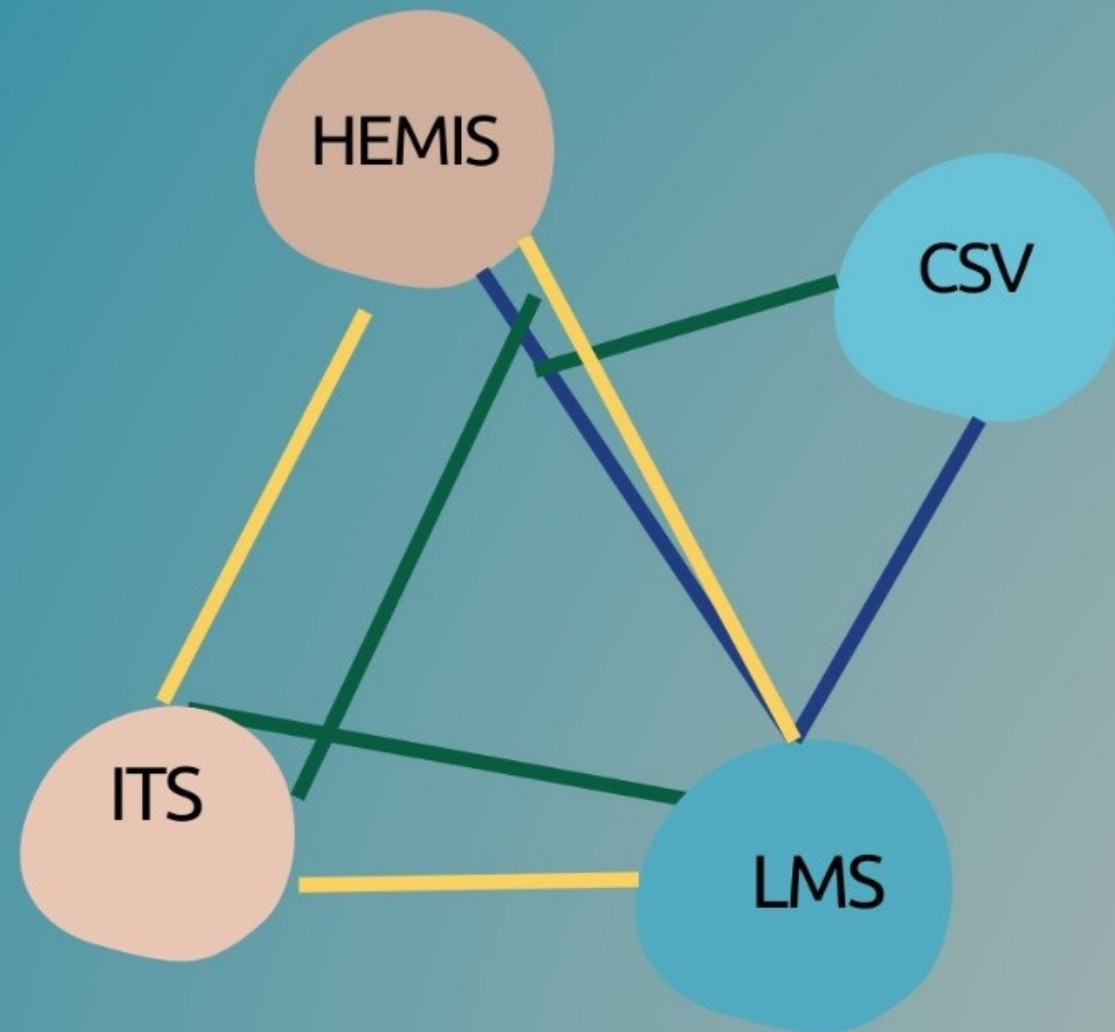
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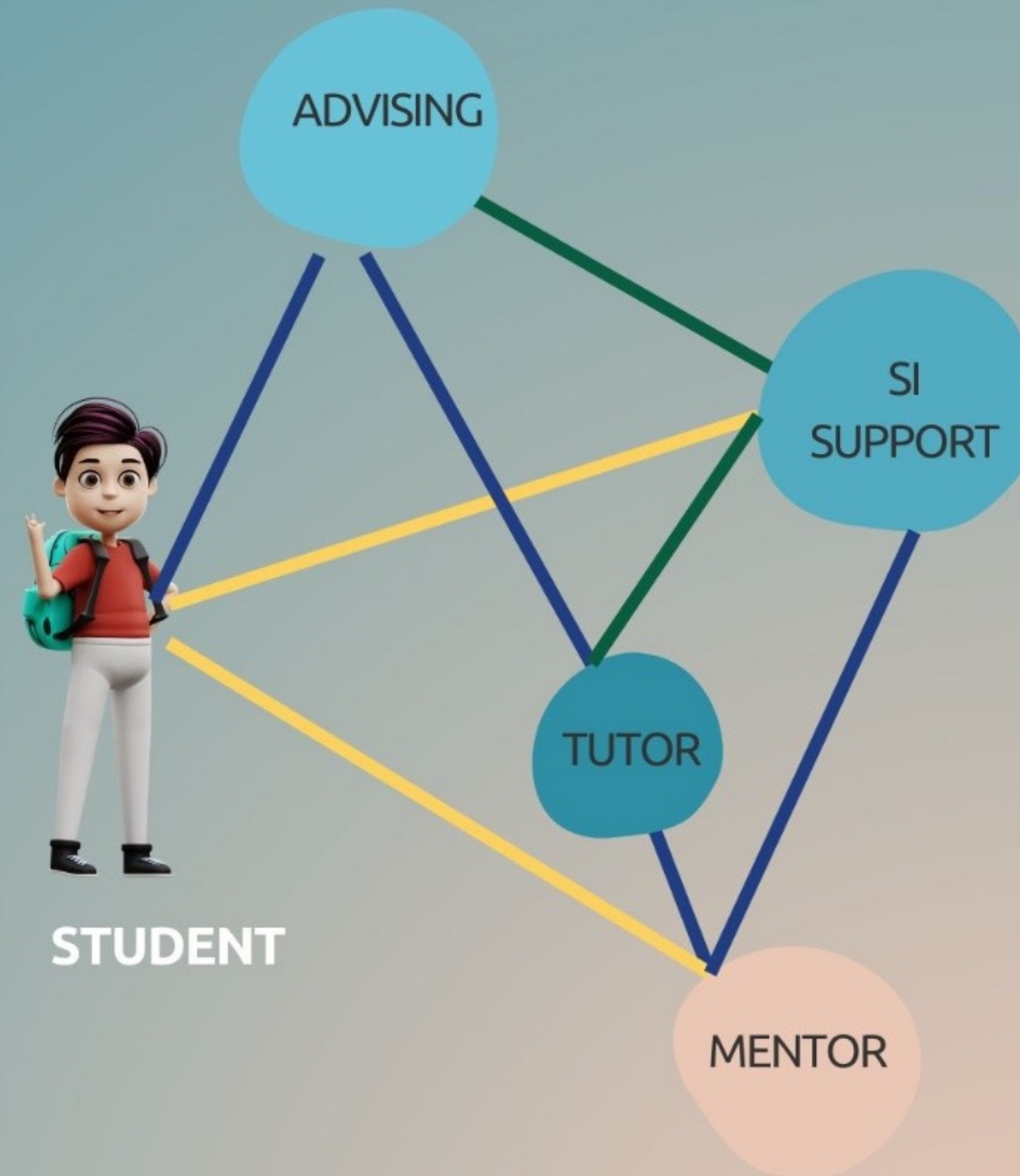


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## SILOED



## FRAGMENTED STUDENT SUPPORT SERVICES



Do your High School make use of online remote learning services?

Details

Insights

3691

Responses

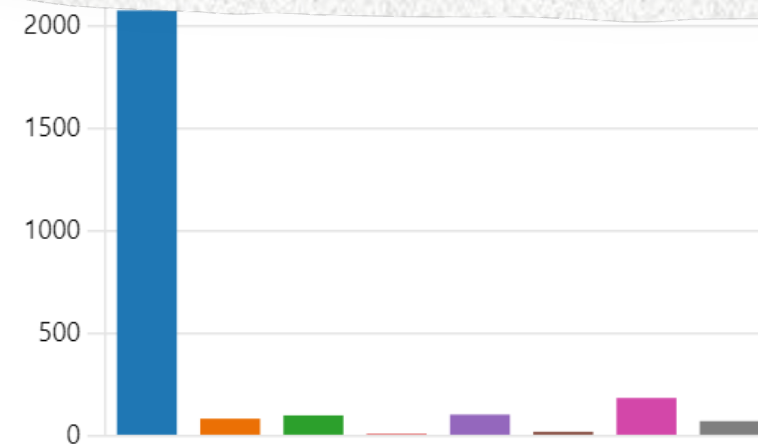
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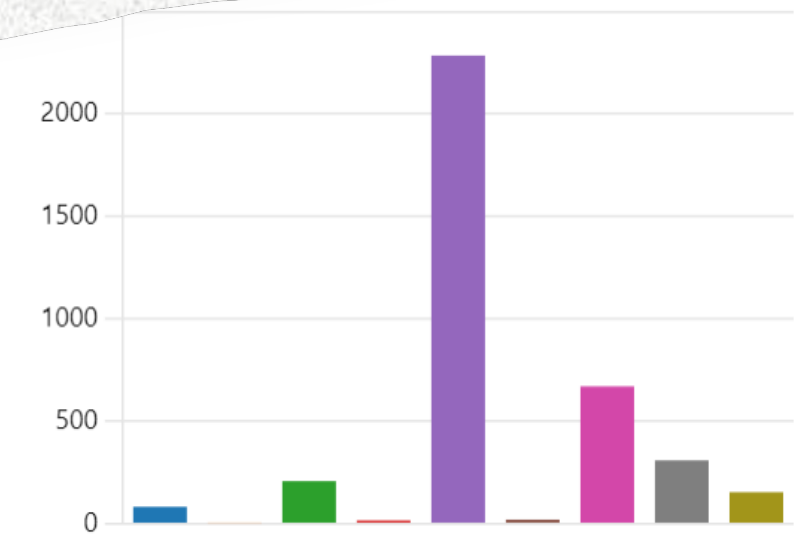


# Biographical Questionnaire

- My own phone
- A parent/guardian/friend's phone 84
- My own tablet 100
- A parent/guardian/friend's tablet 10
- My own computer or laptop 104
- A parent/guardian/friend's com... 20
- A school computer 185
- A public computer (e.g., library, i... 72



- by parent or relative 208
- Lift club 16
- Walking 2284
- Own Automobile/car 20
- Public Transport 670
- School Bus 309
- Scholar transport (Rural learners) 154



# STRATEGIES EMPLOYED

**Evaluation of current data collection**

**Agile approach**

**Collaboration**

**Integration of multiple data sources**

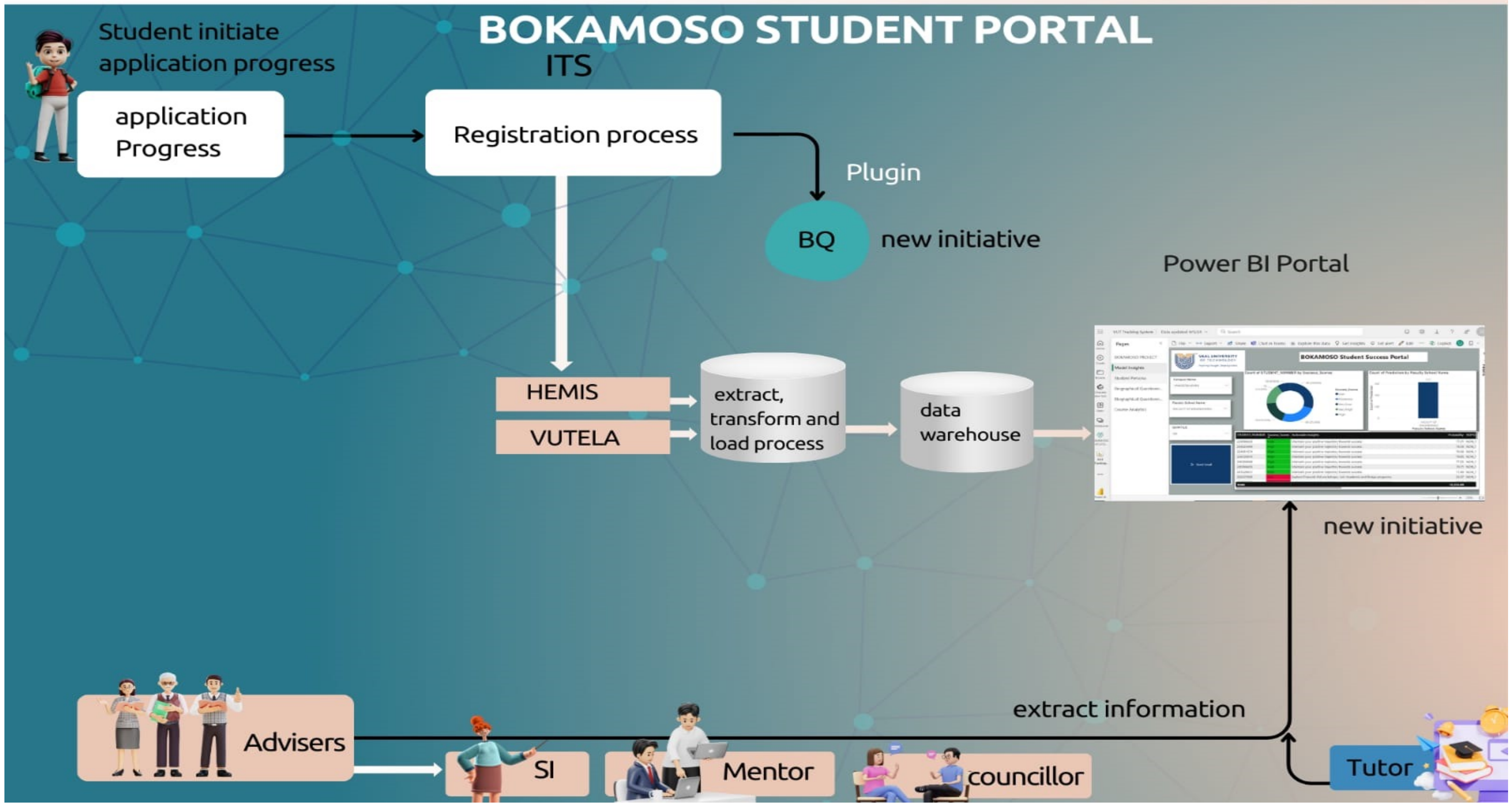
**Automating data collection**



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# BOKAMOSO STUDENT PORTAL ITS



Student initiate application progress

application Progress

Registration process

Plugin

BQ new initiative

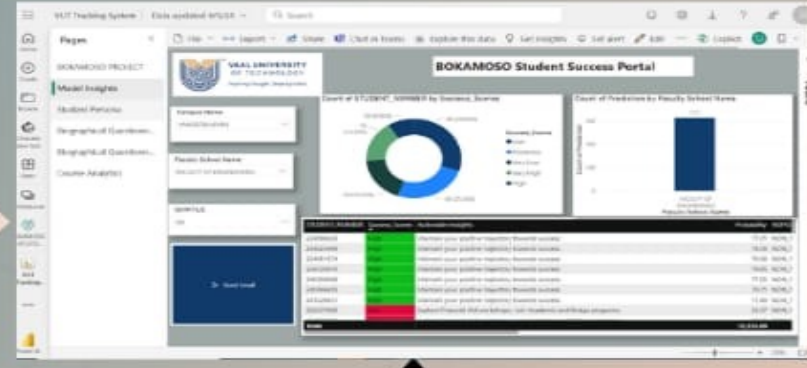
HEMIS

VUTELA

extract, transform and load process

data warehouse

Power BI Portal



Advisers

SI

Mentor

councillor

Tutor

extract information

new initiative



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## **Bokamoso Launch**

About 50 people attended.

Pilot will focus on the first-year students.



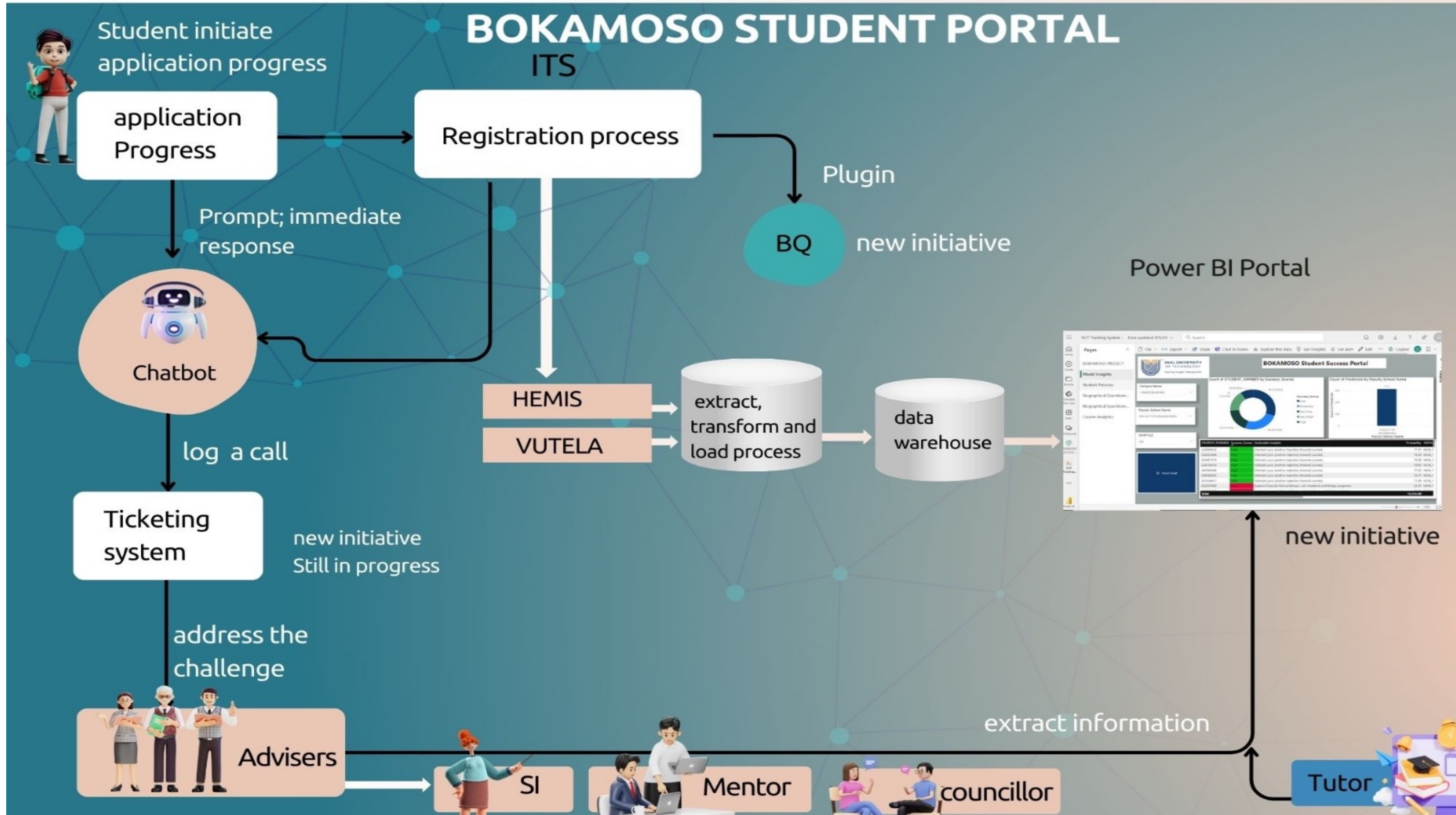
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# Initiative towards Siyaphumelela 3.0

- Strengthening Data Capabilities to Improve Student Success
- Develop the data governance framework
- Introduce and Implement Chatbot and Ticketing System
- Integrate Blackboard Illuminate to trace the progress of the student
- Implement the Triggering System to enable students to see the advisers before cancelation of the course
- Train more staff on the use of data to create a more data driven culture
- Appointment SI programme for high-risk modules



# Challenges

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Lack of skills (data analytics)

Data Integrity problems

Lack of system integration

Resistance from the data owners



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THANK  
YOU

