

## A Pilot Educational Analytics Framework for Assessing Placement Readiness among Undergraduate Engineering Students

Devi Senthilkumar\*, Poojitha Reddy Bijjam, Udeepa Challa

Sri Ramachandra Faculty of Engineering and Technology, Chennai, TamilNadu, India  
devi@sret.edu.in



**SRI RAMACHANDRA**  
INSTITUTE OF HIGHER EDUCATION AND RESEARCH  
(Category - I Deemed to be University) Porur, Chennai

Sri Ramachandra Faculty of Engineering and Technology

### INTRODUCTION & AIM

#### Problem

CGPA alone may not reflect employability readiness.

#### Aim

Develop a Placement Readiness Score (PRS) combining academic and experiential indicators.

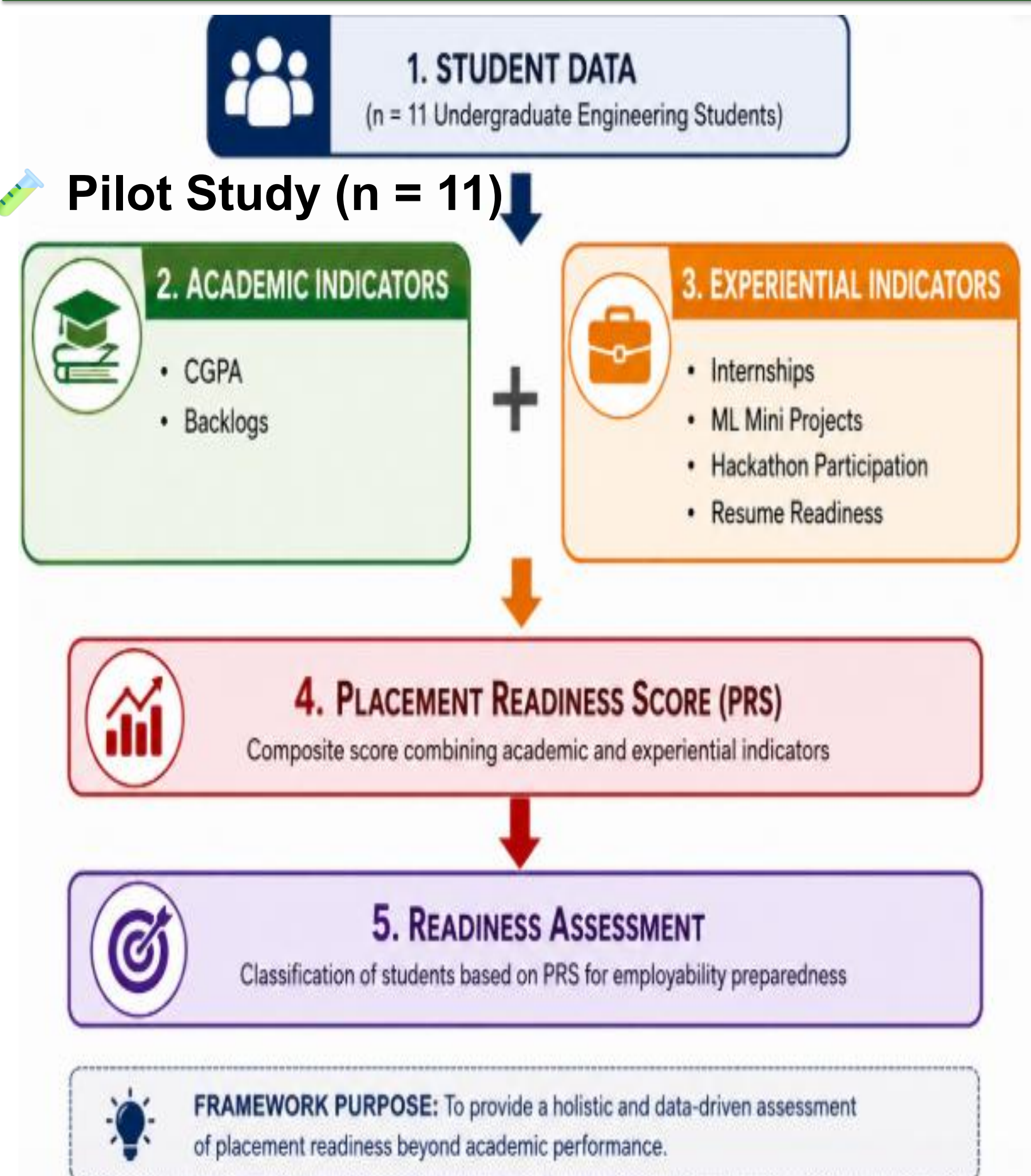
#### Research Question

Can educational analytics provide a better measure of placement readiness?

#### PRS Framework:

Academic and experiential indicators were combined to create a composite Placement Readiness Score (PRS) for exploratory assessment.

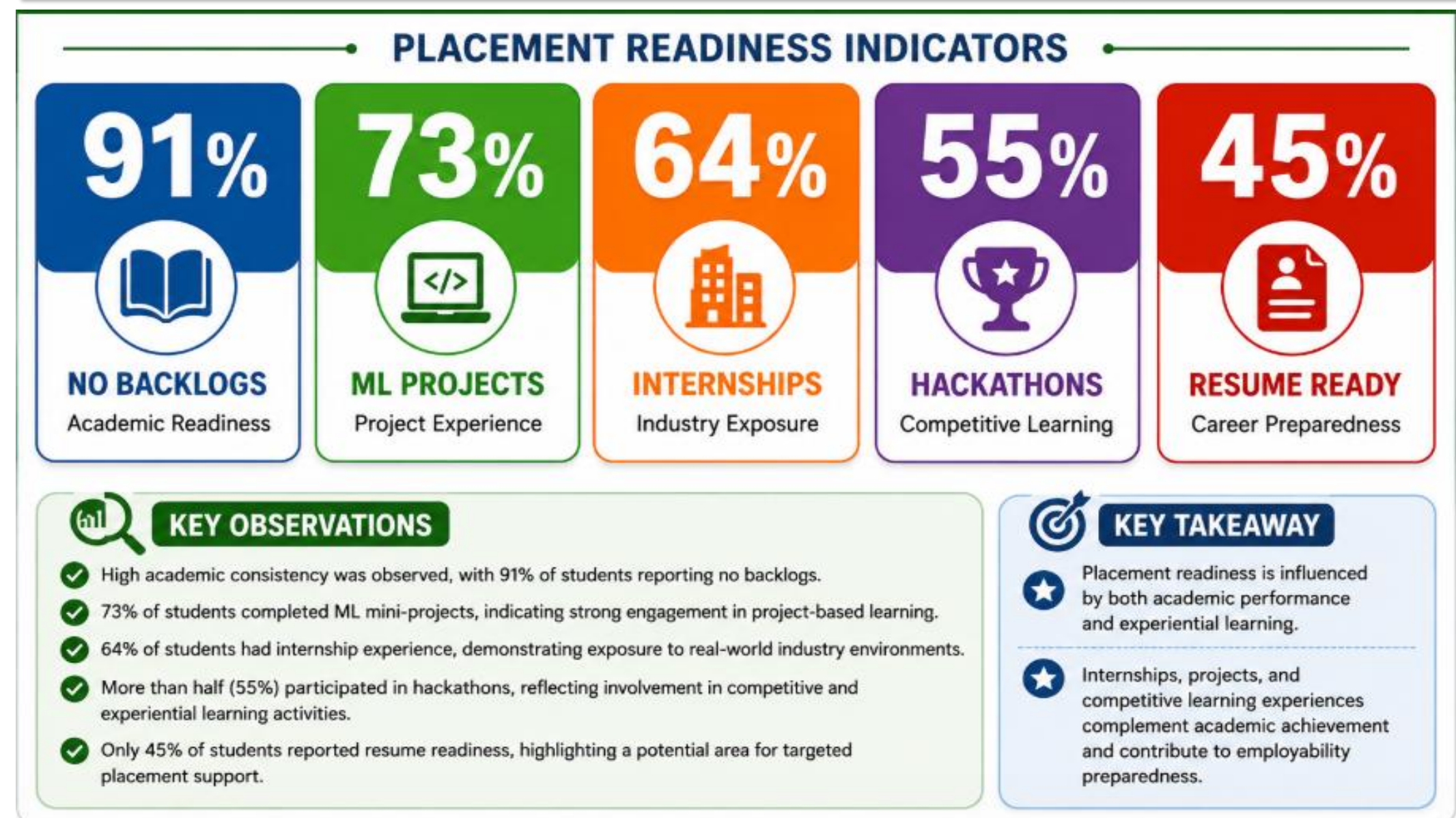
### METHOD



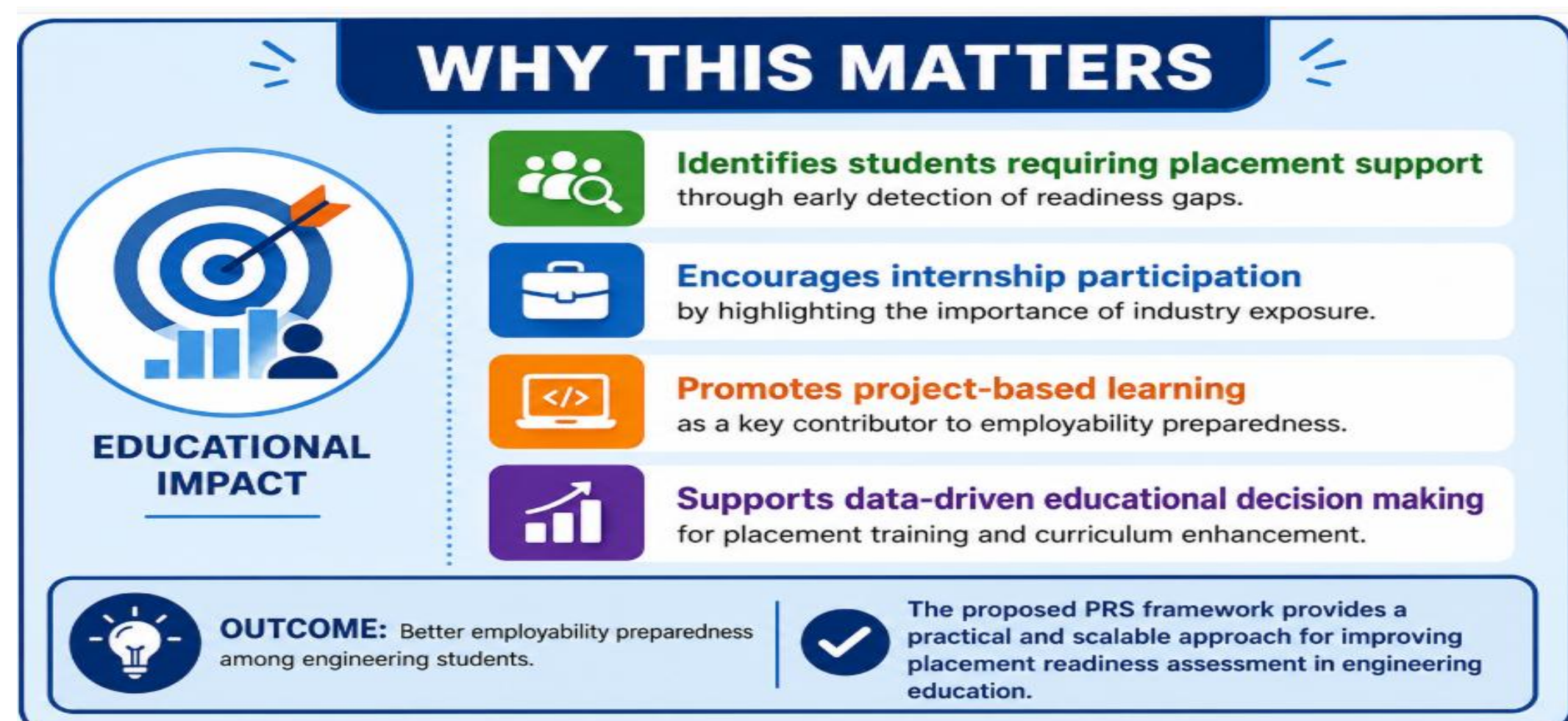
#### Key Findings

- ❖ Placement readiness is multidimensional.
- ❖ Academic consistency remains important.
- ❖ Internship participation and project-based learning enhance employability preparedness.
- ❖ Educational analytics can support early identification of readiness gaps.

### RESULTS & DISCUSSION



### CONCLUSION



The proposed PRS framework demonstrates the feasibility of structured educational analytics for assessing placement readiness.

### FUTURE WORK / REFERENCES

