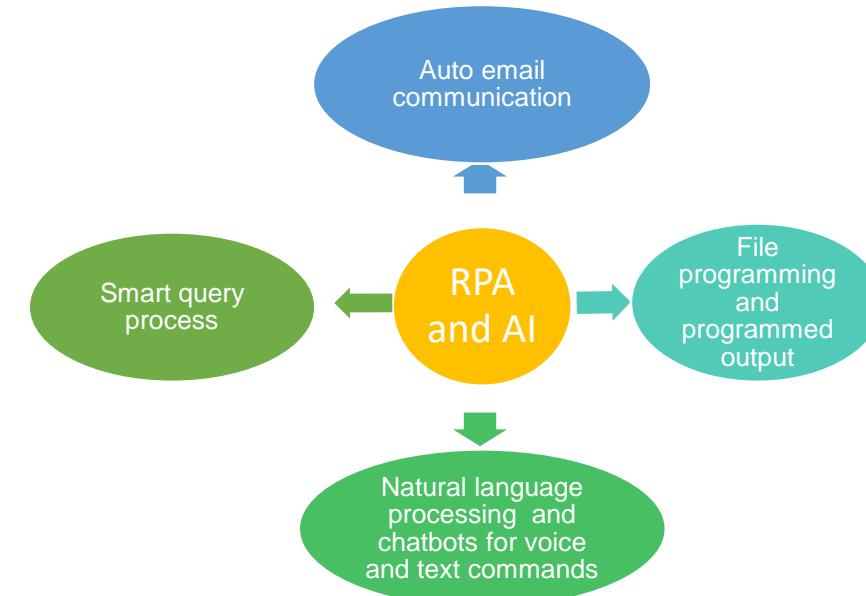


INTRODUCTION

Clinical data management is a domain in which External Data Services (EDS) holds a critical stage, where large number of patients' data is handled across different platforms or databases in a regular basis. Handling data and using data manually consumes more time and manpower to process and use the data downstream. With the emerging technologies in automation implementation of cross-domain platforms integration using automation tools is the new dawn in clinical data management.

AIM

1. Limit service disruptions and resolve issues quickly.
2. Effective utilization of time and money (cut down time on the repetitive tasks).
3. Improve productivity and reduce errors (accuracy and speed).
4. Reduce human interference.



METHODS

1. **RPA and AI in email communication:** Can be deployed in triggering auto email communication for scheduled vendor transfers.
2. **Automation in file programming:** RPA and bots can be used for 3rd party file programming with standard user interface (UI) applications.
3. **Smart queries:** NLP and AI can be deployed in raising predefined standard queries for discrepancies in 3rd party reconciliation.

RESULTS

Limit or reduce turnaround time



Increase productivity ↔ Cost effective process

CONCLUSION

New process innovation and automation is the bright hope and also will be new benchmark for transformation in 3rd part reconciliation. If automation technology is used effectively, it will be the future digital data manager. Implementing tools to collaborate dynamic platforms for regular activities is the way forward for the effective usage of time and resources.

ACKNOWLEDGEMENT