Automated Cheque Processing:

PROBLEM STATEMENT:

Bank handles large volumes of cheques in the clearing process. The process involves many technical verifications including signature verification. Some of these steps are manual and require human intervention to complete the process. The current process requires a high human capital deployment and longer processing time.

ABSTRACT:

Bank cheques are still widely used all over the world for financial transactions. A lot of human effort is required in cheque processing. To reduce it,With the help of Deep learning technologies like image recognition and data extraction etc., bank cheque can be verified.At first the cheque is scanned and imported.The imported cheque is recognized and the needed data are extracted.If the details are true further processed else the transaction is failed.By using OCR,CNN and other technologies further cheque is recognized.The OCR system is complemented with ICR technology(Intelligent Character Recognition) through which accurate details from various handwritten characters(both front and back side of cheque) can be obtained..

FLOW DIAGRAM: